

# ERRATA.

## ABSTRACTS A., 1936.

Page.	Col.	Line.	
616	1	9	For "dihydroxymethyltriazidine" read "diketomethyltriazidine."

### 1938, I.

388	2	2	The direction of the lower left-hand arrow in the formula should be reversed.
555	2	12*	After "MUKERJI" add "and S. A. Aziz."

### 1938, II.

331	1		In formula (VII) the $\begin{array}{c} \text{H} \\ \diagup \\ \text{C} \end{array}$ at top left should be replaced by $\begin{array}{c} \text{H} \\ \diagup \\ \text{C} \\ \diagdown \\ \text{OH} \end{array}$
433	1	2*	For " $\eta^{16}$ " read " $n^{16}$ ."
462	1	7*	For "-4-iminochloride" read "-4-anilochloride."

### 1938, III.

1024	2	12*	For "KORSTCHAK" read "KORTSCHAK."
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### 1939, I.

30	2	15	For "A. J. VALKENBURG" read "J. J. VALKENBURG."
57	1	26*	For "OLDENBURG" read "OLDENBERG."
68	2	29*	For "stysem" read "system."
99	1	15	For "hypophalogenites" read "hypohalogenites."
133	2	26*	For "Mosor" read "MOSER."
167	2	2	For "(MME.) A. VASSAY and E. VASSAY" read "(MME.) A. VASSY and E. VASSY."
189	2	26	For "KELLY" read "KELLEY."
224	2	18*	For "EYRET" read "EHRET."
227	1	19*	For "CHROSTIKOV" read "CHVOSTIKOV."
236	2	18	For "GDANOV" read "SHDANOV."
239	1	8	For "aspectra" read "spectra."
292	1	21*	For "Mases" read "Masses."
302	1	23*	For "SCILOWSKI" read "SCISLOWSKI."
305	2	20 and 21	For "M. DELÉPINE and P. LEBEAU" read "F. HAMMEL."
377	2	25	For "HORUITI" read "HORIUTI."
394	1	26	For "FUCHS" read "FUCKS."
416	2	28*	For "PENNYCUICK" read "PENNYCUICK."
450	1	25	For "HERMANN" read "HERMAN."
474	2	16	For "sensitivites" read "sensitivities."
559	2	26*	For "WALLBRUM" read "WALLBAUM."
566	2	29	For "magnanese" read "manganese."

### 1939, II.

4	2	7*	For "STOLLET" read "STOLL."
52	1	19	For "WOLFRAM" read "WOLFROHM."
54	1	13	For "SIMON" read "SIMONS."
86	1	11	For "methyiacridium" read "methyiacridinium."
202	2	22	For "WOLFRAM" read "WOLFROHM."
301	2	27*	For "WOLFRAM" read "WOLFROHM."
304	2	22	For "HI" read "H1."
		26	For "acetylacetone" read "acetylacetone."
		27	In the top line of the formula " $\text{CO} \cdot \text{CMe}$ " should be " $\text{O} \cdot \text{CMe}$ ."
		34	After "diethylgold" add "bromide."
351	1	6 and 7	For "CHARGRAFF" read "CHARGAFF."
357	2	12	For "VIELLEFOSSE" read "VIEILLEFOSSE."
357	2	15*	For "KOOLHAS" read "KOOLHAAS."
408	1	21*	For "4 : 6-Dimethyl-2 : 3-anhydro- $\beta$ -methylmannoside" read "2 : 6-dimethyl-3 : 4-anhydro- $\beta$ -methyl-altroside."
408	1	12 and 11*	For "-8-idopyranoside" read "d-idopyranoside."
468	1	27	For "DESCHAMPS" read "DESCAMPS."
501	1	18-20	Delete the words "This substance . . . of (I)."

### 1939, III.

5	1	12	For "PONMEAU" read "POUMEAU."
15	2	13	For "pharnyx" read "pharynx."
34	2	7	For "LEBERSON" read "LIBERSON."

\* From bottom.

Page.	Col.	Line.	
35	1	32	For "pyschoses" read "psychoses."
42	2	11	For "Lasuror" read "Lacunar."
44	2	7	For "DANIELPOLU" read "DANIELOPOLU."
49	1	6*	For "FISHBACH" read "FISHBACK."
51	2	25*	For "CONJARD" read "COUJARD."
60	1	30	Delete "no."
89	1	22*	For "LUNZ" read "ZUNZ."
91	1	15*	For "CUSICH" read "CUSICK."
93	1	11	For "ARCHER" read "ASCHER."
100	2	32*	For "Perodixase" read "Peroxidase."
117	2	6*	For "proceedures" read "procedures."
118	1	20*	For "F. NIMS" read "L. F. NIMS."
132	2	30	For "WORTES" read "WORTIS."
138	1	26*	For "HABEN" read "HABAN."
153	1	17	For "HENIBECKER" read "HEINBECKER."
169	2	10	For "NIJVELO" read "NIJVELD."
171	2	23*	For "BRUGOCH" read "BRUGSCH."
172	1	18*	For "SEEGARS" read "SEEGERS."
174	2	8* and 10*	For "δ-cyclohexyl" read "γ-cyclohexyl."
176	2	9*	For "nervos" read "nervous."
184	1	9*	For "PURROT" read "PARROT."
189	1	25*	For "T. BERBERICH" read "J. BERBERICH."
189	1	4*	For "Y. BERBERICH" read "J. BERBERICH."
194	2	26	For "TENNISSEN" read "TEUNISSEN."
210	1	9	For "Potometric" read "Photometric."
213	2	21	For "PYROSCH" read "PYRKOSCH."
221	2	5	For "RETROVSKY" read "RETOVSKY."
259	1	27	For "HOCHMANN" read "HOCHMAN."
259	2	18*	For "HATERINO" read "HATERIUS."
266	1	2*	For "WHITTLE" read "WITTLE."
297	2	29	For "EUSELME" read "ENSELME."
301	2	19*	For "REX-KISS" read "REX, K. B."
308	1	11*	For "nictataus" read "nictitans."
321	2	19*	For "H. LOUVIER" read "R. LOUVIER."
335	1	11*	For "H. N. OLIVIER" read "H. R. OLIVIER."
349	2	1	For "myeoblast" read "myeloblast."
356	2	32	For "SMALL" read "SNELL."
360	1	14	For "SCHLOMKE" read "SCHLOMKA."
365	2	22	For "respiratory" read "respiratory."
390	1	20*	For "BLACOCK" read "BLALOCK."
399	1	24	For "LEQUEIRA" read "SEQUEIRA."
400	1	4*	For "Tscharing's" read "Tscherings'."
401	2	15*	For "PRELUBDA" read "PREBLUDA."
406	1	31	For "F. MARGARIA" read "R. MARGARIA."
415	1	10	For "50 mg." read "150 mg."
432	2	12*	For "ANDREWS" read "ANDREWES."
454	1	31	For "TRÉFOUEL" read "TRÉFOUËL."
456	2	2	For "LEQUINE" read "LEQUIME."
459	2	26	For "tudaranine" read "tuduranine."
466	1	27*	For "SÉDALLION" read "SÉDALLIAN."
479	2	22	For "KREITMAR" read "KREITMAIR."
511	2	7*	For "BERGSTEGERMANN" read "BERGSTERMANN."
512	2	14*	For "Hyperprexia" read "Hyperpyrexia."
529	1	13*	For "FINDLEY" read "FINDLAY."
536	2	25*	For "GUILLERMOND" read "GUILLIERMOND."
563	1	4	For "LUNY" read "LUNDY."
570	2	16*	For "M. HERMANN" read "H. HERMANN."
570	2	15*	For "SEDALLION" read "SÉDALLIAN."
580	1	6	For "SHAW" read "SHAY."
592	1	12	For "gastic" read "gastric."
595	1	11*	For "COVAERTO" read "COVAERTS."
596	2	7*	For "viginianus" read "virginianus."
598	1	25	For "CHRISTIAN" read "CHRISTIANI."
606	1	14	For "TALBOT" read "TALBOTT."
612	1	11	For "gornorrhœa" read "gonorrhœa."
621	1	1	For "DREESON" read "DRESEN."
677	2	10*	For "LANSON" read "LAUSON."
711	2	3*	For "R. JOHN, F. RENSHAW" read "R. J. F. RENSHAW."
717	1	20	For "TIVOFÉEV" read "TIMOFÉEV."
732	1	30	For "polypoidy" read "polyploidy."
734	2	8	For "SCHENK" read "SCHENCK."
740	2	24	For "P. GAVAUDON, N. GAVAUDON" read "P. GAVAUDAN, N. GAVAUDAN."
743	1	28*	For "DEROAX" read "DEROUAUX."
757	2	22*	For "SCHENDORF" read "SCHNEDORF."
808	2	27	For "jaunduce" read "jaundice."
837	1	14	For "albuminuria" read "albuminurica."
839	1	35	For "from" read "form."



Page.	Col.	Line.	
842	1	9*	For "hydrochoric" read "hydrochloric."
843	1	6*	For "the flat" read "that."
848	2	4	After "29" insert "A."
870	1	14	For "R. Trpinac" read "P. Trpinac."
884	1	26	For "guinensis" read "guineensis."
890	1	2*	For "Tsartsaris" read "Tsatsaris."
890	1	14	For "BOONE" read "BOQUE."
901	1	23*	For "poterior" read "posterior."
911	2	5	For "J. A. MOGLIA" read "J. L. MOGLIA."
920	2	21*	For "BLANCHPAIN" read "BLANCPAIN."
960	2	30	For "Delessesia" read "Delesseria."
970	2	25*	For "HIMWICK" read "HIMWICH."
974	2	13	For "RANSOM" read "RANSON."
975	1	15	For "sybstances" read "substances."
975	1	22*	For "CHÈVREMENT" read "CHÈVREMONT."
980	1	24*	For "Tsartsaris" read "Tsatsaris."
988	1	1*	For "CEDRANGOLD" read "CEDRANOOLO."
990	1	18	For "GRUNLAND" read "GRUNDLAND."
1007	2	17*	For "SPIEGEL-ADOLPH" read "SPIEGEL-ADOLF."
1010	2	32	For "oxyzæ" read "oryzæ."
1057	2	21	For "CLIMATERIC" read "CLIMACTERIC."
1062	1	27	For "FLAMIGO'S" read "FLAMINGO'S."
1063	1	14	For "DORRINER" read "DOBRINER."
1067	1	18*	For "STERGGERDA" read "STEGGERDA."
1069	2	21	For "SCHULTZ" read "SCHLUTZ."
1076	2	11*	For "GUILLEMENT" read "GUILLEMET."
1077	1	2*	For "Handschueller" read "Hand-Schueller."
1102	2	13*	For "KIMBALI" read "KIMBALL."
1109	2	31*	For "composion" read "composition."
1111	2	11	For "trifoliolata" read "trifoliata."
1113	1	26	For "F. MONTESINOS A." read "A. F. MONTESINOS."

## ABSTRACTS INDEX, 1938.

308 1 34 For "Lunz" read "Zunz."

\* From bottom.



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## JOURNALS FROM WHICH ABSTRACTS ARE MADE.

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ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Abh. Böhm. Akad. .	Abhandlungen der Böhmischen Akademie.	Amer. J. Surg. .	American Journal of Surgery.
Acta Biol. exp., Warsaw	Acta Biologiae experimentalis.	Amer. Min. .	American Mineralogist.
Acta Bot. Fennica .	Acta Botanica Fennica.	Amer. Ink Maker .	American Ink Maker.
Acta brev. neerl. .	Acta Brevia Neerlandica de Physiologia, Pharmacologia, Microbiologia, e.a.	Amer. Paint J. .	American Paint Journal.
Acta chir. scand. .	Acta chirurgica scandinavica.	Amer. Potato J. .	American Potato Journal.
Acta med. scand. .	Acta medica scandinavica.	Anal. Asoc. Quím. Argentina	Anales de la Asociación Química Argentina.
Acta obstet. gynec. scand. .	Acta obstetrica et gynecologica scandinavica.	An. Fac. Cienc. med., La Plata	Anales de la Facultad de Ciencias medicas.
Acta ophthal., Kbn. .	Acta ophthalmologica.	Anal. Fis. Quím. .	Anales de la Sociedad Española de Física y Química.
Acta paediatr., Stockh. .	Acta paediatrica.	Anal. Inst. invest. cient. tecn. .	Anales del Instituto de investigaciones científicas y tecnológicas.
Acta Physicochim. U.R.S.S. .	Acta Physicochimica U.R.S.S.	Analyst .	Analyst.
Acta Phytochim. .	Acta Phytochimica.	Anat. Anz. .	Anatomischer Anzeiger.
Acta psychiat. Kbn. .	Acta psychiatrica et neurologica.	Anat. Ber. .	Anatomischer Berichte.
Acta radiol., Stockh. .	Acta radiologica.	Anat. Rec. .	Anatomical Record.
Acta Sci. Fennicae .	Acta Societatis Scientiarum Fennicae.	Angew. Bot. .	Angewandte Botanik.
Acta Schol. med. Univ. Kyoto	Acta Scholae Medicinalis Universitatis Imperialis in Kyoto.	Angew. Chem. .	Angewandte Chemie (changed from Z. angew. Chem. in 1932).
Agric. Eng. .	Agricultural Engineering.	Anilinokras. Prom. .	Anilinokrasotschnaja Promischlennosti.
Agric. Gaz. New South Wales	Agricultural Gazette of New South Wales.	Ann. Acad. Brasil. Sci.	Annals da Academia Brasileira de Ciencias.
Agric. J. Brit. Guiana	Agricultural Journal of British Guiana.	Ann. Acad. Sci. Fennicae	Annales Academiae Scientiarum Fennicae.
Agric. Live-stock India	Agriculture and Live-stock in India.	Annalen .	Justus Liebig's Annalen der Chemie.
Agric. Progr. .	Agricultural Progress.	Ann. agron. .	Annales agronomique.
Agric. Res. Inst., Pusa, Rep. (Bull.)	Agricultural Research Institute, Pusa, Reports and Bulletins.	Ann. Appl. Biol. .	Annals of Applied Biology.
Aircraft Eng. .	Aircraft Engineering.	Ann. Bot. .	Annals of Botany.
Allgem. Oel-Fett-Ztg.	Allgemeine Oel- und Fett-Zeitung.	Ann. di Bot. .	Annali di Botanica.
Allgem. Z. Bierbrau. .	Allgemeine Zeitschrift für Bierbrauerei und Malzfabrikation.	Annali Chim. Appl. .	Annali di Chimica Applicata.
Allumino .	Alluminio (Milan).	Ann. Chim. .	Annales de Chimie.
Aluminium .	Aluminium.	Ann. Chim. Analyt. .	Annales de Chimie Analytique et de Chimie Appliquée.
Amer. Dyestuff Rep. .	American Dyestuff Reporter.	Ann. Chim. Farm. .	Annales di Chimica Farmaceutica.
Amer. Fert. .	American Fertiliser.	Ann. d'Endocrinol. .	Annales d'Endocrinologie.
Amer. Gas Assoc. Month.	American Gas Association Monthly.	Ann. Falsif. .	Annales des Falsifications.
Amer. Gas J. .	American Gas Journal.	Ann. Ferm. .	Annales des Fermentations.
Amer. Heart J. .	American Heart Journal.	Ann. Guebhard-Séverine	Annales Guébhard-Séverine.
Amer. Inst. Min. Met. Eng. Publ.	American Institute of Mining and Metallurgical Engineers Publication.	Ann. Hyg. Publ. .	Annales d'Hygiène Publique et de Médecine légale.
Amer. J. Anat. .	American Journal of Anatomy.	Ann. Inst. Anal. Phys. Chim.	Annales de l'Institut d'Analyse Physico-chimique.
Amer. J. Bot. .	American Journal of Botany.	Ann. Inst. Pasteur .	Annales de l'Institut Pasteur.
Amer. J. Cancer .	American Journal of Cancer.	Ann. int. Med. .	Annales internationales de Médecine physique.
Amer. J. clin. Path. .	American Journal of Clinical Pathology.	Ann. Mines .	Annales des Mines (Paris).
Amer. J. digest. Dis. Nutr.	American Journal of Digestive Diseases and Nutrition.	Ann. Mines Belg. .	Annales des Mines de Belgique.
Amer. J. Dis. Child. .	American Journal of Diseases of Children.	Ann. New York Acad. Sci.	Annals of the New York Academy of Sciences.
Amer. J. Hyg. .	American Journal of Hygiene.	Ann. Oculist., Paris .	Annales d'Oculistique.
Amer. J. med. Sci. .	American Journal of Medical Sciences.	Ann. Off. nat. Comb. liq.	Annales de l'Office nationale des Combustibles liquides.
Amer. J. Obstet. Gynec.	American Journal of Obstetrics and Gynecology.	Ann. Otol., etc., St. Louis	Annals of Otology, Rhinology and Laryngology.
Amer. J. Ophthal. .	American Journal of Ophthalmology.	Ann. Physik .	Annalen der Physik.
Amer. J. Path. .	American Journal of Pathology.	Ann. Physiol. Physico-chim. biol. .	Annales de Physiologie et de Physico-chimie biologique.
Amer. J. Pharm. .	American Journal of Pharmacy.	Ann. Physique .	Annales de Physique.
Amer. J. Phys. Anthropol.	American Journal of Physical Anthropology.	Ann. R. Staz. Chim. Agrar. Sperim.	Annali della R. Stazione Chimico Agraria Sperimentale di Roma.
Amer. J. Physiol. .	American Journal of Physiology.	Ann. Repts. Fruit Veg. Pres. Res. Sta., Campden	Annual Reports of the Fruit and Vegetable Preservation Research Station, Campden.
Amer. J. Psychiat. .	American Journal of Psychiatry.		
Amer. J. Psychol. .	American Journal of Psychology.		
Amer. J. Publ. Health	American Journal of Public Health and the Nation's Health.		
Amer. J. Roentgenol.	American Journal of Roentgenology.		
Amer. J. Sci. .	American Journal of Science.		



ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Ann. Sect. Platine .	Annales du Secteur Platine et des autres Métaux Précieux.	Arch. Path. . .	Archives of Pathology.
Ann. Sci. . .	Annals of Science.	Arch. Pédiat. . .	Archives of Pediatrics.
Ann. Soc. Sci. Bruxelles	Annales de la Société Scientifique de Bruxelles.	Arch. Pflanzenbau .	Archiv für Pflanzenbau.
Ann. Sperim. Agrar. .	Annali della Sperimentazione Agraria.	Arch. Pharm. . .	Archiv der Pharmazie.
Ann. sci. Univ. Jassy.	Annales scientifiques de l'Université de Jassy.	Arch. Protistenk. .	Archiv für Protistenkunde.
Ann. Surg. . .	Annals of Surgery.	Arch. Psychiat. Ner-venkr.	Archiv für Psychiatrie und Nervenkrankheiten.
Apoth.-Ztg. . .	Deutsche Apotheker-Zeitung.	Arch. Sci. biol., Napoli	Archivio di Scienze biologiche.
Arb. Biol. Reichanst. Land- u. Forstwirtschaft.	Arbeiten der Biologischen Reichsanstalt für Land- und Forstwirtschaft.	Arch. Sci. biol., U.S.S.R.	Archives des Sciences biologiques.
Arbeitsphysiol. .	Arbeitsphysiologie.	Arch. Sci. phys. nat. .	Archives des Sciences physique et naturelles.
Arb. med. Univ. Okayama	Arbeiten aus der Medizinischen Facultät Okayama (Universität zu).	Arch. Soc. Sci. med. biol.	Archives de la Société des Sciences médicales et biologiques de Montpellier.
Arb. ung. biol. Forsch. Inst.	Arbeiten des Ungarischen biologischen Forschungs-Institutes, Tihany.	Arch. Speech . .	Archives of Speech.
Arch. Anat. . .	Archivio d'Anatomia.	Arch. Suikerind. Ned.-Indië	Archief voor de Suikerindustrie in Nederlandsch-Indië.
Arch. Anat. micr. .	Archives d'Anatomie microscopique.	Arch. Surg., Chicago .	Archives of Surgery.
Arch. Anat., Strasbourg	Archives d'Anatomie, d'Histologie et d'Embryologie.	Arch. tech. Mess. .	Archiv für technisches Messen.
Arch. argent. Neurol.	Archivos argentinos de Neurologia.	Arch. Tierernährung u. Tierzucht	Archiv für Tierernährung und Tierzucht.
Arch. Augenheilk. .	Archiv für Augenheilkunde.	Arch. VerdauKr. .	Archiv für Verdauungskrankheiten mit Einschl. d. Stoffwechselpathologie u. d. Diätetik.
Arch. Biol. . .	Archives de Biologie.	Arch. Wärmewirts. .	Archiv für Wärmewirtschaft.
Arch. Chem. Farm. .	Archivum Chemij i Farmacji.	Arh. Hemiju . .	Arhiv za Hemiju i Farmaciju.
Arch. Cirug. exp. .	Archivos de Cirugia experimental.	Arizona Agric. Exp. Sta. Bull.	Arizona Agricultural Experiment Station Bulletin.
Arch. Dermat. Syph.	Arch. für Dermatologie und Syphilis.	Arkiv Kemi, Min., Geol.	Arkiv för Kemi, Mineralogi och Geologi.
Arch. Derm. Syphilol.	Archives of Dermatology and Syphilology.	Arq. Inst. Biol. .	Arquivos do Instituto Biologico.
Arch. Dis. Childh. .	Archives of Disease in Childhood.	Arts et Mét. . .	Arts et Métiers.
Arch. Eisenhüttenw. .	Archiv für das Eisenhüttenwesen.	Arxius . . .	Arxius de l'Escola Superior d'Agricultura, Catalunya.
Arch. EntwMech. Org.	Archiv für Entwicklungsmechanik der Organismen.	Astrophys. J. . .	Astrophysics Journal.
Arch. exp. Path. Pharm.	Archiv für experimentelle Pathologie Pharmakologie.	Atti R. Accad. Lincei	See R.C. Atti Accad. Lincei.
Arch. exp. Zellforsch.	Archiv für experimentelle Zellforschung, Jena.	Atti R. Accad. Sci. Torino	Atti della Reale Accademia delle Scienze di Torino.
Arch. Farm. sperim. .	Archivio di Farmacologia sperimentale e Scienze affini.	Austral. J. Exp. Biol.	Australian Journal of Experimental Biology and Medicine.
Arch. Fisiol. . .	Archivio di Fisiologia.	Austral. J. Pharm. .	Australasian Journal of Pharmacy.
Arch. Gewerbepath. Gewerbehyg.	Archiv für Gewerbepathologie und Gewerbehygiene.	Austral. N.Z. J. Surg.	Australian and New Zealand Journal of Surgery.
Arch. Gynäk. . .	Archiv für Gynäkologie.	Auto. Eng. . .	Automobile Engineer.
Arch. Hyg. Bakt. .	Archiv der Hygiene und Bakteriologie.	B.P. . . .	British Patent.
Arch. Inst. Bot. Liege	Archives de l'Institut de Botanique de l'Université de Liege.	Beitr. klin. Chir. .	Beiträge zur klinischen Chirurgie.
Arch. intern. Med. .	Archives of Internal Medicine.	Beitr. path. Anat. .	Beiträge zur pathologischen Anatomie und zur allgemeinen Pathologie.
Arch. int. Med. exp. .	Archives internationales de Médecine expérimentale.	Bell Syst. tech. J. .	Bell System Technical Journal, N.Y.
Arch. Int. Pharmacodyn.	Archives internationales de Pharmacodynamie et de Thérapie.	Ber. . . .	Berichte der deutschen chemischen Gesellschaft.
Arch. int. Physiol. .	Archives internationales de Physiologie.	Ber. deut. bot. Ges. .	Berichte der deutschen botanischen Gesellschaft.
Arch. Ist. Biochim. Ital.	Archivio dello Istituto Biochimico Italiano.	Ber. deut. Keram. Ges.	Berichte der Deutschen Keramischen Gesellschaft.
Arch. ital. Anat. Embriol.	Archivio Italiano di Anatomia e di Embriologia.	Ber. Ges. Kohlentechn.	Berichte der Gesellschaft für Kohlentechnik.
Arch. Kinderheilk. .	Archiv für Kinderheilkunde.	Berg- u. Hüttenm. Jahrb.	Berg- und Hüttenmännisches Jahrbuch der montanistischen Hochschule in Loeben.
Arch. klin. Chir. .	Archiv für klinische Chirurgie.	Bergbau . . .	Bergbau.
Arch. Kreislaufforsch.	Archiv für Kreislaufforschung.	Ber. Ohara Inst. landw. Forsch.	Berichte des Ohara Instituts für landwirtschaftliche Forschungen.
Arch. Mal. Coeur. .	Archives des Maladies du Coeur, des Vaisseaux et du Sang.	Ber. Sächs. Akad. Wiss.	Berichte über die Verhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig.
Arch. med. Hydrol. .	Archives of Medical Hydrology.	Ber. Ukrain. Wiss. Forsch. physikal. Chem.	Berichte des Ukrainischen Wissenschaftlichen Forschungsinstituts für physikalische Chemie.
Arch. Med. Legal .	Archivio de Medicina Legal.	Berlin. klin. Woch. .	Berliner klinische Wochenschrift.
Arch. Mikrobiol. .	Archiv für Mikrobiologie.	Bied. Zentr. . .	Biedermann's Zentralblatt.
Arch. Min. Soc. Sci. Varsovie	Archives de Minéralogie de la Société des Sciences de Varsovie (Archivum Mineralogiczne Towarzystwa Naukowego Warszawskiego).	Bied. Zentr. (Tierernähr.)	Biedermann's Zentralblatt (Tierernährung).
Arch. Neerland. .	Archives Néerlandaises de sciences exactes et naturelles.	Biochem. J. . .	Biochemical Journal.
Arch. neerland. Physiol.	Archives Néerlandaises de Physiologie de l'Homme et des Animaux.	Biochem. Z. . .	Biochemische Zeitschrift.
Arch. neerl. Phon. exp.	Archives néerlandaises de Phonétique expérimentale.	Biochimia . . .	Biochimia.
Arch. Neurol. Psychiat., Chicago	Archives of Neurology and Psychiatry.	Biochim. Terap. .	Biochimica e Terapia sperimentale.
Arch. Ophthal., Paris	Archives d'Ophthalmologie.		
Arch. Ophthal., N.Y.	Archives of Ophthalmology.		
Arch. Otolaryng., Chicago	Archives of Otolaryngology.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Biol. Bull. Wood's Hole	Biological Bulletin of the Marine Biological Laboratory, Wood's Hole, Mass.	Bull. Acad. Méd. Roumanie	Bulletin de l'Académie de Médecine de Roumanie.
Biol. Méd.	Biologie médicale.	Bull. Acad. Polonaise	Bulletin Internationale de l'Académie Polonaise des Sciences et des Lettres.
Biol. Rev.	Biological Reviews.	Bull. Acad. roy. Belg.	Académie royale de Belgique—Bulletin de la Classe des Sciences.
Bio-morphosis	Bio-morphosis.	Bull. Acad. Sci. Agra & Oudh	Bulletin of the Academy of Sciences of Agra and Oudh.
Blast Fur. Steel Plant Board Greenkeeping Res. J.	Blast Furnace and Steel Plant. Board of Greenkeeping Research Journal.	Bull. Acad. Sci. U.R.S.S.	Bulletin de l'Académie des Sciences de l'Union des Républiques Soviétiques Socialistes.
Bodenk. Pflanzenernähr.	Bodenkunde und Pflanzenernährung.	Bull. Acad. Sci. Roumaine	Bulletin de la Section Scientifique de l'Académie Roumaine.
Bol. Acad. Nac. Ciencias, Cordoba	Boletín de la Academia Nacional des Ciencias, Cordoba.	Bull. Agric. Chem. Soc. Japan	Bulletin of the Agricultural Chemical Society of Japan.
Bol. Acad. Nac. Med. Buenos Aires	Boletín de la Academia Nacional de Medicina de Buenos Aires.	Bull. Agric. Soc. Egypt	Bulletin of the Agricultural Society of Egypt.
Bol. Inf. Inst. Nac. Tech.	Boletín de Informacões Instituto Nacional de Technologic.	Bull. Amer. Ceram. Soc.	Bulletin of the American Ceramic Society.
Bol. Min. Agric. Brazil	Boletín do Ministerio de Agricultura, Brazil.	Bull. Assoc. Chim. Suer.	Bulletin de l'Association des Chimistes de Sucrierie et de Distillerie.
Bol. Soc. Quim. Peru	Boletín de la Sociedad Quimica del Peru.	Bull. Assoc. franç. Tech. Pétrole	Bulletin de l'Association française des Techniciens du Pétrole.
Boll. Chim. farm.	Bollettino Chimico-Farmaceutico.	Bull. Assoc. tech. Fond.	Bulletin de l'Association technique de Fonderie.
Boll. Sez. Ital.	Bollettino della Sezione Italiana.	Bull. Biol. Méd. exp. U.R.S.S.	Bulletin de Biologie et Médecine expérimentale de l'U.R.S.S.
Boll. Soc. Geol. Ital.	Bollettino della Società Geologica Italiana.	Bull. Chem. Soc. Japan	Bulletin of the Chemical Society of Japan.
Boll. Soc. Ital. Biol. sperim.	Bollettino della Società Italiana di Biologia sperimentalla.	Bull. Dept. Agric. Kenya	Bulletin of the Department of Agriculture of Kenya.
Boll. Soc. Med.-Chirurg.	Bollettino della Società Medico-Chirurgica, Pavia.	Bull. Dept. Agric. S. Africa	Bulletin of the Department of Agriculture of South Africa.
Boll. Staz. Sperim. Ind. Carta Fibre Tess.	Bollettino del Reparto Fibre Tessili Vegetali della R. Stazione Sperimentale per le Industrie della Carta e delle Fibre Tessili Vegetali.	Bull. École franç. Meun.	Bulletin des anciens Elèves de l'École française de Meunerie.
Boll. Off. Staz. Sperim. Ind. Essenze	Bollettino Ufficiale della R. Stazione Sperimentale per l'Industria delle Essenze e dei Derivati dagli Agrumi in Reggio Calabria.	Bull. Entomol. Res.	Bulletin of Entomological Research.
Boll. Off. Staz. Sperim. Ind. Pelli	R. Stazione Sperimentale per l'Industria delle Pelli e delle materie concianti, Bollettino Ufficiale.	Bull. Forest Exp. Stat. Meguro	Bulletin of the Forest Experiment Station, Meguro, Tokyo.
Bonne Terre	La Bonne Terre.	Bull. Geol. Soc. Amer.	Bulletin of the Geological Society of America.
Bot. Archiv	Botanisches Archiv.	Bull. Histol. Tech. micr.	Bulletin d'Histologie appliquée à la Physiologie et à la Pathologie et de Technique microscopique.
Bot. Gaz.	Botanical Gazette.	Bull. Hyg. Aliment.	Bulletin de la Société Scientifique d'Hygiène Alimentaire et de l'Alimentation rationnelle de l'Homme.
Brain	Brain.	Bull. Imp. Inst.	Bulletin of the Imperial Institute.
Brass. Malt.	Brasserie et Malterie.	Bull. Inst. Metchnikoff	Bulletin de l'Institut Metchnikoff.
Brau- u. Malzind.	Brau- u. Malzindustrie.	Bull. Inst. Min. Met.	Bulletin of the Institution of Mining and Metallurgy.
Braunkohle.	Braunkohle.	Bull. Inst. Phys. Chem. Res. Japan	Bulletin of the Institute of Physical and Chemical Research, Japan (Rikagaku Kenkyujo Ihô).
Braunkohlenarchiv	Braunkohlenarchiv.	Bull. Inst. Pin	Bulletin de l'Institut du Pin.
Brennstoff-Chem.	Brennstoff-Chemie.	Bull. Johns Hopkins Hosp.	Bulletin of the Johns Hopkins Hospital.
Brennstoff u. Wärmewirts.	Brennstoff und Wärmewirtschaft.	Bull. Math. Phys. Bucarest	Bulletin de Mathématiques et de Physique pure et appliquées de l'Ecole Polytechnique "Roi Carol II" Bucarest.
Brewers' J.	Brewers' Journal.	Bull. Mat. Grasses	Bulletin des Matières Grasses.
Brit. Dental J.	British Dental Journal.	Bull. Mém. Soc. méd. Hôp. Bucarest	Bulletins et Mémoires de la Société Médicale des Hôpitaux de Bucarest.
Brit. Guiana Dept. Agric. Bull.	British Guiana Department of Agriculture Bulletin.	Bull. N.Y. Acad. Med.	Bulletin of the New York Academy of Medicine.
Brit. Heart J.	British Heart Journal.	Bull. Photogrammétr.	Bulletin de Photogrammétrie.
Brit. J. Anaesth.	British Journal of Anaesthesia.	Bull. Rubber Growers' Assoc.	Bulletin of the Rubber Growers' Association.
Brit. J. Exp. Path.	British Journal of Experimental Pathology.	Bull. School Mines and Met., Univ. Missouri	Bulletin of the School of Mines and Metallurgy, University of Missouri.
Brit. J. Ophthal.	British Journal of Ophthalmology.	Bull. Sci. pharmacol.	Bulletin des Sciences pharmacologiques.
Brit. J. Phot.	British Journal of Photography.	Bull. Sericult. Japan.	Bulletin of Sericulture and Silk Industry, Japan.
Brit. J. phys. Med.	British Journal of Physical Medicine.	Bull. Soc. chim.	Bulletin de la Société chimique de France.
Brit. J. Psychol.	British Journal of Psychology.	Bull. Soc. chim. Belg.	Bulletin de la Société chimique de Belgique.
Brit. J. Radiol.	British Journal of Radiology.		
Brit. J. Surg.	British Journal of Surgery.		
Brit. J. Tuberc.	British Journal of Tuberculosis.		
Brit. J. Urol.	British Journal of Urology.		
Brit. Med. J.	British Medical Journal.		
Brit. Plastics	British Plastics and Moulded Products Trader.		
Bul. Chim.	Buletinul Chimie.		
Bul. Chim. Soc. Romane	Buletinul de Chimie pura si aplicata al Societatii Romane de Chimie.		
Bul. Soc. Chim. Romania	Buletinul Societatii de Chimie din Romania.		
Bul. Soc. Fiz. Romania	Buletinul Bilunar al Societatii de Fizica din Romania.		
Bul. Soc. Romane Stiin.	Buletinul Societatii Romane de Stiinte.		
Bull. Acad. Méd. Belg.	Bulletin de l'Académie royale de Médecine de Belgique.		
Bull. Acad. Med. Paris	Bulletin de l'Académie de Médecine, Paris.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Bull. Soc. Chim. biol.	Bulletin de la Société de Chimie biologique.	Combustion . . .	Combustion.
Bull. Soc. Chim. Yougoslav.	Bulletin de la Société Chimique du Royaume de Yougoslavie.	Comm. Sci. Pract. Brewing	Communications on the Science and Practice of Brewing.
Bull. Soc. d'Encour. .	Bulletin de la Société d'Encouragement pour l'Industrie Nationale.	Comp. Psychol. Monog.	Comparative Psychology Monographs.
Bull. Soc. Franç. Min.	Bulletin de la Société Française de Minéralogie.	Compt. rend. . .	Comptes rendus hebdomadaires des Séances de l'Académie des Sciences.
Bull. Soc. Franç. Phot.	Bulletin de la Société Française de Photographie et de Cinématographie.	Compt. rend. Acad. Agric. France	Comptes rendus de l'Académie d'Agriculture de France.
Bull. Soc. Ind. Mulhouse	Bulletin de la Société Industrielle de Mulhouse.	Compt. rend. Acad. Sci. U.R.S.S.	Comptes rendus de l'Académie des Sciences de l'U.R.S.S.
Bull. Soc. ophthal. Paris	Bulletin de la Société d'Ophtalmologie de Paris.	Compt. rend. Soc. Biol.	Comptes rendus des Séances de la Société de Biologie.
Bull. Soc. Sci. Hyg. aliment.	Bulletin de la Société Scientifique d'Hygiène alimentaire.	Compt. rend. Trav. Lab. Carlsberg	Comptes rendus des Travaux du Laboratoire Carlsberg.
Bull. Union Res. Inst. Cement, U.S.S.R.	Bulletin of the Union Research Institute for Cement, U.S.S.R.	Confinia neurol. .	Confinia neurologica.
Bull. U.S. Geol. Survey Canada Dept. Mines Publ.	Bulletin of the U.S. Geological Survey. Canada Department of Mines Publications.	Contr. Boyce Thompson Inst.	Contributions from Boyce Thompson Institute.
Canad. Dairy & Ice Cream J.	Canadian Dairy and Ice Cream Journal.	Contr. Canad. Biol. .	Contributions to Canadian Biology.
Canad. Chem. . .	Canadian Chemistry and Process Industries.	Cornell Univ. Agric. Exp. Sta. Bull.	Cornell University Agricultural Experiment Station Bulletin.
Canad. Med. Assoc. J.	Journal of the Canadian Medical Association	Cuore Circol. . .	Cuore e Circolazione.
Canad. J. Res. . .	Canadian Journal of Research.	Current Res. Anesth..	Current Researches in Anesthesia and Analgesia.
Canad. Publ. Health J.	Canadian Public Health Journal.	Current Sci. . .	Current Science.
Caoutchouc et Gutta-Percha	Le Caoutchouc et le Gutta-Percha.	Cyprus Agric. J. . .	Cyprus Agricultural Journal.
Cardiologia . . .	Cardiologia.	Dairy Ind. . .	Dairy Industry.
Časop. Českoslov. Lék.	Časopis Československeho Lékařnictva.	Dansk Tidsskr. Farm.	Dansk Tidsskrift for Farmaci.
Cellulosechem. . .	Cellulosechemie.	Delaware Agric. Exp. Sta. Bull.	Delaware Agricultural Experiment Station Bulletin.
Cement and Lime Manuf.	Cement and Lime Manufacture.	Dental Mag. . .	Dental Magazine and Oral Topics.
Céramique . . .	Céramique Verrerie Emaillerie.	Dept. Chem. S. Australia, Bull.	Department of Chemistry, South Australia, Bulletins.
Cereal Chem. . .	Cereal Chemistry.	Derm. Woch. . .	Dermatologische Wochenschrift.
Chaleur et Ind. . .	Chaleur et Industrie.	Deut. med. Woch. .	Deutsche medizinische Wochenschrift.
Ch. Abs. . . .	Chemical Abstracts.	Deut. Parfümerie-Ztg.	Deutsche Parfümerie Zeitung.
Chem. Age . . .	Chemical Age.	Deut. Zuckerind. .	Die Deutsche Zuckerindustrie.
Chem. App. . . .	Chemische Apparatur.	Doc. ophthal. . .	Documenta ophthalmologica.
Chem. Eng. Min. Rev.	Chemical Engineering and Mining Review.	Drugs, Oils and Paints	Drugs, Oils and Paints.
Chem. Erde . . .	Chemie der Erde.	Dtsch. Arch. klin. Med.	Deutsches Archiv für klinische Medizin.
Chem. Fabr. . . .	Die Chemische Fabrik.	Dtsch. med. Wschr. .	Deutsche medizinische Wochenschrift.
Chem. and Ind. . .	Chemistry and Industry.	Dtsch. Tuberk.-Bl. .	Deutsches Tuberkulose-Blatt.
Chem. Ind. . . .	Chemische Industrie.	Dtsch. Z. Chir. . .	Deutsche Zeitschrift für Chirurgie.
Chem. Listy . . .	Chemické Listy pro Vědu a Průmysl Organ de la "Česka chemická Společnost pro Vědu a Průmysl."	Dtsch. Z. Nervenheilk.	Deutsche Zeitschrift für Nervenheilkunde.
Chem. Met. Eng. . .	Chemical and Metallurgical Engineering.	Dtsch. Z. Verdankr. Stoffw.	Deutsche Zeitschrift für Verdauungs-krankheiten und Stoffwechsel.
Chem. Obzor . . .	Chemický Obzor.	Dyestuffs . . .	Dyestuffs.
Chem. Social. Agric. .	Chemisation of Socialistic Agriculture (U.S.S.R.).	East Malling Res. Sta., Ann. Repts., etc. .	East Malling Research Station, Annual Reports, etc.
Chem. Trade J. . .	Chemical Trade Journal.	Ecology . . .	Ecology.
Chem. Weekblad . .	Chemisch Weekblad.	Econ. Geol. . .	Economic Geology.
Chem.-Ztg. . . .	Chemiker-Zeitung.	Econ. Proc. Roy. Dubl. Soc.	Economic Proceedings of the Royal Dublin Society.
Chem. Zentr. . . .	Chemisches Zentralblatt.	Elect. Eng. . .	Electrical Engineering.
Cheshunt Agric. Exp. Sta. Ann. Rep.	Cheshunt Agricultural Experiment Station Annual Reports.	Elect. J. . . .	Electrical Journal.
Chim. e l'Ind. . . .	La Chimica e l'Industria.	Elect. Times . . .	Electrical Times.
Chim. et Ind. . . .	Chimie et Industrie.	Empire Cotton Growing Rev.	Empire Cotton Growing Review.
Chinese Med. J. . .	Chinese Medical Journal.	Empire Cotton Growing Rep. Exp. Sta.	Empire Cotton Growing Reports of the Experimental Station.
Chinese J. Physics .	Chinese Journal of Physics.	Empire J. Exp. Agric.	Empire Journal of Experimental Agriculture.
Chinese J. Physiol. .	Chinese Journal of Physiology.	Encéphale . . .	Encéphale.
Cleveland Clin. Quart.	Cleveland Clinic Quarterly.	Endocrinol. . .	Endocrinology.
Clin. Sci. . . .	Clinical Science.	Endokrinol. . .	Endokrinologie.
Coal Age . . . .	Coal Age.	Eng. Boiler House Rev.	Engineering and Boiler House Review.
Coal Carbonisation .	Coal Carbonisation.	Engineer . . .	Engineer.
Cold Spring Harbor Symp. quant. Biol.	Cold Spring Harbor Symposium of Quantitative Biology.	Engineering . . .	Engineering.
Coll. Czech. Chem. Comm.	Collection of Czechoslovak Chemical Communications.	Eng. and Min. J. .	Engineering and Mining Journal.
Collegium . . . .	Collegium.	Eng. News-Rec. . .	Engineering News-Record.
Coll. Eng. . . .	Colliery Engineering.	Enzymologia . . .	Enzymologia.
Coll. Guard. . . .	Colliery Guardian.	Ergebn. Physiol. .	Ergebnisse der Physiologie.
Colorado Agric. Exp. Sta. Bull.	Colorado Agricultural Experiment Station Bulletin.	Ernährung . . .	Die Ernährung.
		Ernähr. Pflanze . .	Ernährung der Pflanze.
		Explosives Eng. . .	Explosives Engineer.
		Eye, Ear, Throat F.P. . . .	Eye, Ear, Nose and Throat Monthly.
		Facts about Sugar Färber-Ztg. . . .	French Patent.
			Facts about Sugar.
			Deutsche Färber-Zeitung.



ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Farbe u. Lack . . .	Farbe und Lack.	Hilgardia . . .	Hilgardia.
Farben-Chem. . .	Farben-Chemiker.	Holz . . .	Holz als Roh- und Werkstoff.
Farben-Ztg. . .	Farben-Zeitung.	Hosiery Tr. J. . .	Hosiery Trade Journal.
Farm. in S. Africa . .	Farming in South Africa.	Human Biol. . .	Human Biology.
Farve og Lak . . .	Farve og Lak.	Hydrochem. Mat. . .	Hydrochemische Materialien.
Faserforsch. . .	Faserforschung.	Imp. Bur. Soil Sci. .	Imperial Bureau of Soil Science, Techni- cal Communications.
Fermentforsch. . .	Fermentforschung.	Indian J. Agric. Sci. .	Indian Journal of Agricultural Science.
Fert. Feeding Stuffs J.	Fertiliser, Feeding Stuffs and Farm Supplies Journal.	Indian J. Med. Res. .	Indian Journal of Medical Research.
Fette u. Seifen . . .	Fette und Seifen.	Indian J. Pharm. . .	Indian Journal of Pharmacy.
Feuerfest . . .	Feuerfest.	Indian J. Physics . .	Indian Journal of Physics.
Feuerungstech. . .	Feuerungstechnik.	Indian J. Vet. Sci. .	Indian Journal of Veterinary Science.
Finska Kem. Medd. . .	Finska Kemistisamfundets Meddelanden (Suomen Kemistiseuran Tiedonantoja).	Indian Lac Res. Inst. Bull.	Indian Lac Research Institute Bulletin.
Flora . . .	Flora.	Indian Med. Gaz. . .	Indian Medical Gazette.
Florida Agric. Exp. Sta. Bull.	Florida Agricultural Experiment Station Bulletin.	India-rubber J. . .	India-rubber Journal.
Folia anat. japon. . .	Folia anatomica japonica.	India Rubber World.	India Rubber World.
Folia Biol. . .	Folia Biologica.	Ind. Chem. . .	Industrial Chemist.
Folia endocrinol. japon.	Folia endocrinologica japonica.	Ind. Eng. Chem. . .	Industrial and Engineering Chemistry.
Folia Haemat., Lpz. .	Folia Haematologica.	Ind. Eng. Chem. (Anal.)	Industrial and Engineering Chemistry, Analytical Edition.
Folia pharmacol. japon.	Folia pharmacologica.	Ind. Heating . . .	Industrial Heating.
Food . . .	Food.	Ind. y Quím. . .	Industria y Química, Revista de la Asociacion Química Argentina.
Food Manuf. . .	Food Manufacture.	Inst. Gas Eng., Comm.	Institution of Gas Engineers, Communi- cations.
Food Res. . .	Food Research.	Int. Rev. Agric. . .	International Review of Agriculture.
Forsch. u. Fortschr. .	Forschungen und Fortschritte.	Int. Sugar J. . .	International Sugar Journal.
Forstarchiv . . .	Forstarchiv.	Iowa State Coll. J. Sci.	Iowa State College Journal of Science.
Foundry Trade J. . .	Foundry Trade Journal.	Iron Age . . .	Iron Age.
Frankf. Z. Path. . .	Frankfurter Zeitschrift für Pathologie.	Iron Coal Tr. Rev. .	Iron and Coal Trades Review.
Fruit Prod. J. . .	Fruit Products Journal.	Iron Steel Eng. . .	Iron and Steel Engineering.
Fuel . . .	Fuel in Science and Practice.	Iron Steel Ind. . .	Iron and Steel Industry.
Fuel Econ. . .	Fuel Economist.	Iron Steel Inst. Car- negie Schol. Mem.	Iron and Steel Institute, Carnegie Scholarship Memoirs.
Fuel Econ. Rev. . .	Fuel Economy Review.	J.C.S. . .	Journal of the Chemical Society.
Fukuoka Acta med. .	Fukuoka Acta medica.	Jahrb. geol. Reichs- anst.	Jahrbuch der geologischen Reichsanstalt.
G.P. . .	German Patent.	Jb. Kinderheilk. . .	Jahrbuch für Kinderheilkunde.
Gann . . .	Gann.	Jahrb. Min. . .	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie.
Gartenbauwiss. . .	Gartenbauwissenschaft.	Jahrb. Min. Beil.-Bd.	Neues Jahrbuch für Mineralogie, Geologie und Palaeontologie, Beilage-Band.
Gas Age-Rec. . .	Gas Age-Record.	Jb. Psychiat. Neurol.	Jahrbucher für Psychiatrie und Neuro- logie.
Gas Ind. . .	Gas Industry.	Jahrb. Radioaktiv. .	Jahrbuch der Radioaktivität und Elek- tronik.
Gas J. . .	Gas Journal.	Jahrb. wiss. Bot. . .	Jahrbuch für wissenschaftliche Botanik.
Gas Oil Power . . .	Gas and Oil Power.	Jap. J. exp. Med. . .	Japanese Journal of Experimental Medi- cine.
Gas Times . . .	Gas Times.	Jap. J. Gastroenterol.	Japanese Journal of Gastroenterology.
Gas- u. Wasserfach. .	Gas- und Wasserfach.	Japan. J. Med. Sci. .	Japanese Journal of Medical Sciences.
Gas World . . .	Gas World.	Jap. J. Obstet. Gynec.	Japanese Journal of Obstetrics and Gynecology.
Gazzetta . . .	Gazzetta chimica italiana.	Japan. J. Physics . .	Japanese Journal of Physics.
Genesck Tijds. Ned.- Ind.	Genesckundig Tijdschrift voor Neder- landsch-Indie.	Japan Nickel Rev. . .	Japan Nickel Review.
Gen. Elect. Rev. . .	General Electric Review.	Jernkont. Ann. . .	Jernkontorets Annaler.
Génie Civil . . .	Génie Civil.	J. acoust. Soc. Amer.	Journal of the Acoustical Society of America.
Geol. Mag. . .	Geological Magazine.	J. Agric. Chem. Soc. Japan	Journal of the Agricultural Chemical Society of Japan.
Georgia Agric. Exp. Sta. Bull.	Georgia Agricultural Experiment Station Bulletin.	J. Agric. Res. . .	Journal of Agricultural Research.
Gerber . . .	Der Gerber.	J. Agric. Sci. . .	Journal of Agricultural Science.
Ges. Abh. Kennt. Kohle	Gesammelte Abhandlungen der Kenntniss der Kohle.	J. Allergy . . .	Journal of Allergy.
Gesundheitsing. . .	Gesundheitsingenieur.	J. Amer. Ceram. Soc.	Journal of the American Ceramic Society.
Giesserei . . .	Die Giesserei.	J. Amer. Chem. Soc. .	Journal of the American Chemical Society.
Glashütte . . .	Die Glashütte.	J. Amer. Leather Chem. Assoc.	Journal of the American Leather Chemists' Association.
Glass Ind. . .	Glass Industry.	J. Amer. Med. Assoc.	Journal of the American Medical Asso- ciation.
Glastech. Ber. . .	Glastechnische Berichte.	J. Amer. Pharm. Assoc.	Journal of the American Pharmaceutical Association.
Glückauf . . .	Glückauf.	J. Amer. Soc. Agron.	Journal of the American Society of Agronomy.
v. Graefes Arch. Ophthal.	Albrecht v. Graefes Archiv für Ophthal- mologie.	J. Amer. Soc. Mech. Eng.	Journal of the American Society of Mechanical Engineers.
Growth . . .	Growth.	J. Amer. Vet. Med. Assoc.	Journal of the American Veterinary Medical Association.
Gummi-Ztg. . .	Gummi-Zeitung.		
Gynéc. Obstet. . .	Gynécologie et Obstétrique.		
Handl. Ing. Vetensk. Akad.	Handlaring Ingeniörs Vetenskaps Aka- demien.		
Harvey Lect. . .	Harvey Lectures.		
Hawaii Agric. Exp. Stat. Bull.	Hawaii Agricultural Experiment Station Bulletins.		
Heat Treat. Drying .	Heat Treating and Drying.		
Heat Treat. Forg. .	Heat Treating and Forging.		
Helv. Chim. Acta . .	Helvetica Chimica Acta.		
Helv. med. Acta . .	Helvetica medica Acta.		
Helv. Phys. Acta . .	Helvetica Physica Acta.		
Het Gas . . .	Het Gas.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
J. Amer. Water Works Assoc.	Journal of the American Water Works Association.	J. Exp. Med. . . .	Journal of Experimental Medicine.
J. Annamalai Univ. .	Journal of the Annamalai University.	J. exp. Psychol. . .	Journal of Experimental Psychology.
J. Anat., London . .	Journal of Anatomy.	J. exp. Zool. . . .	Journal of Experimental Zoology.
J. Appl. Chem. Russia	Journal of Applied Chemistry, Russia.	J. Fac. Eng. Tokyo .	Journal of the Faculty of Engineering, Tokyo.
J. Appl. Physics . .	Journal of Applied Physics (formerly Physics).	J. Fac. Sci. Hokkaido	Journal of the Faculty of Science Hokkaido Imperial University.
J. Assoc. Off. Agric. Chem.	Journal of the Association of Official Agricultural Chemists.	J. Fac. Sci. Tokyo . .	J. Faculty of the Science, Imperial University of Tokyo (formerly J. Coll. Sci. Tokyo).
J. Austral. Inst. Agric. Sci.	Journal of the Australian Institute of Agricultural Science.	J. Fish. Res. Bd. Canada	Journal of the Fisheries Research Board, Canada.
J. Bact. . . . .	Journal of Bacteriology.	J. Franklin Inst. . .	Journal of the Franklin Institute.
J. belge Gastroenterol.	Journal belge de Gastroenterologie.	J. Fuel Soc. Japan . .	Journal of the Fuel Society of Japan.
J. Biochem. Japan . .	Journal of Biochemistry, Japan.	J. Gen. Chem. Russ. .	Journal of General Chemistry, Russia (formerly J. Russ. Phys. Chem. Soc.).
J. Biol. Board Canad.	Journal of the Biological Board of Canada.	J. Gen. Physiol. . . .	Journal of General Physiology.
J. Biol. Chem. . . .	Journal of Biological Chemistry.	J. Gen. Psychol. . . .	Journal of General Psychology, Worcester, Mass.
J. Bd. Greenkeeping Res.	Journal of the Board of Greenkeeping Research.	J. Genet. . . . .	Journal of Genetics.
J. Bone Jt. Surg. . .	Journal of Bone and Joint Surgery.	J. Geol. . . . .	Journal of Geology.
J. Brit. Dairy Farmers' Assoc. .	Journal of the British Dairy Farmers' Association.	J. Geol. Soc. Tokyo .	Chishitsugaku Zasshi (Journal of the Geological Society of Tokyo).
J. Brit. Wood Pres. Assoc.	Journal of the British Wood Preserving Association.	J. Hyderabad Geol. Soc.	Journal of the Hyderabad Geological Society.
J. Canad. Min. Inst. .	Journal of the Canadian Mining Institute.	J. Hygiene . . . . .	Journal of Hygiene.
J. Cancer Res. Comm. Sydney	Journal of the Cancer Research Committee of the University of Sydney.	J. Immunol. . . . .	Journal of Immunology.
J. Cell. Comp. Physiol.	Journal of Cellular and Comparative Physiology.	J. Indian Chem. Soc.	Journal of the Indian Chemical Society.
J. Cellulose Inst. Tokyo	Cellulose Industry, Journal of the Cellulose Institute, Tokyo.	J. Indian Inst. Sci. .	Journal of the Indian Institute of Science.
J. Chem. Educ. . . .	Journal of Chemical Education.	J. Ind. Hyg. . . . .	Journal of Industrial Hygiene and Toxicology.
J. Chem. Eng. China.	Journal of Chemical Engineering, China.	J. Infect. Dis. . . .	Journal of Infectious Diseases.
J. Chem. Ind. Russ. .	Journal of Chemical Industry, Russia.	J. Inst. Brew. . . . .	Journal of the Institute of Brewing.
J. Chem. Met. Soc. S. Africa	Journal of the Chemical, Metallurgical, and Mining Society of South Africa.	J. Inst. Electr. Eng. .	Journal of the Institution of Electrical Engineers.
J. Chem. Physics . .	Journal of Chemical Physics.	J. Inst. Fuel . . . . .	Journal of the Institute of Fuel.
J. Chem. Soc. Japan .	Journal of the Chemical Society of Japan. (Nippon Kwagaku Kwai Shi.)	J. Inst. Heat. Vent. Eng.	Journal of the Institution of Heating and Ventilating Engineers.
J. Chim. phys. . . .	Journal de Chimie physique.	J. Inst. Metals . . .	Journal of the Institute of Metals.
J. Chinese Chem. Soc.	Journal of the Chinese Chemical Society.	J. Inst. Petroleum . .	Journal of the Institute of Petroleum.
J. Chir. Paris . . . .	Journal de Chirurgie.	J. Inst. Sewage Purif.	Journal of the Institute of Sewage Purification.
J. clin. Invest. . . .	Journal of Clinical Investigation.	J. int. Chir. . . . .	Journal international de Chirurgie.
J. Coll. Agric. Hokkaido	Journal of the College of Agriculture, Hokkaido Imperial University, Japan.	J. invest. Dermat. . .	Journal of investigative Dermatology.
J. Coll. Agric. Tokyo.	Journal of the College of Agriculture, Imperial University of Tokyo, Japan.	J. Iron and Steel Inst.	Journal of the Iron and Steel Institute.
J. Coll. Eng. Tokyo . .	Journal of the College of Engineering, Imperial University of Tokyo.	J. Jamaica Agric. Soc.	Journal of the Jamaica Agricultural Society.
J. Coll. Sci. Tokyo . .	Journal of the College of Science, Imperial University of Tokyo.	J. Jap. Ceram. Assoc.	Journal of the Japanese Ceramic Association.
J. Comp. Psychol. . .	Journal of Comparative Psychology.	J. Lab. clin. Med. . .	Journal of Laboratory and Clinical Medicine.
J. Comp. Neurol. . .	Journal of Comparative Neurology and Psychology.	J. Landw. . . . .	Journal für Landwirtschaft.
J. Counc. Sci. Ind. Res. Australia	Journal of the Council of Scientific and Industrial Research of Australia.	J. Marine Biol. Assoc.	Journal of the Marine Biological Association of the United Kingdom.
J. Dairy Res. . . . .	Journal of Dairy Research.	J. Math. Phys. Mass. Inst. Tech.	Journal of Mathematics and Physics, Massachusetts Institute of Technology.
J. Dairy Sci. . . . .	Journal of Dairy Science.	J. Med. Res. . . . .	Journal of Medical Research.
J. Dent. Res. . . . .	Journal of Dental Research.	J. ment. Sci. . . . .	Journal of Mental Science.
J. Dept. Agric. I.F.S.	Journal of the Department of Agriculture of the Irish Free State.	J. Milk Tech. . . . .	Journal of Milk Technology.
J. Dept. Agric. Kyushu	Journal of the Department of Agriculture, Kyushu Imperial University.	J. Min. Agric. . . . .	Journal of the Ministry of Agriculture.
J. Dept. Agric. S. Australia	Journal of the Department of Agriculture, South Australia.	J. Min. Agric. N. Ireland	Journal of the Ministry of Agriculture of Northern Ireland.
J. Dept. Agric. Victoria	Journal of the Department of Agriculture, Victoria.	J. Morph. . . . .	Journal of Morphology.
J. Dept. Agric. W. Australia	Journal of the Department of Agriculture, Western Australia.	J. Nat. Smoke Abatement Soc.	Journal of the National Smoke Abatement Society.
J. Ecology . . . . .	Journal of Ecology.	J. nerv. ment. Dis. .	Journal of Nervous and Mental Disease.
J. Econ. Entomol. . .	Journal of Economic Entomology.	J. Neurophysiol. . .	Journal of Neurophysiology.
J. Egypt. Med. Assoc.	Journal of the Egyptian Medical Association.	J. Neurol. Psychiat. .	Journal of Neurology and Psychiatry.
J. Electrodep. Tech. Soc.	Journal of the Electrodepositors Technical Society.	J. New England Water Works Assoc.	Journal of the New England Water Works Association.
J. Elisha Mitchell Sci. Soc.	Journal of the Elisha Mitchell Scientific Society.	J. New Zealand Inst. Chem.	Journal of the New Zealand Institute of Chemistry.
J. Endocrinol., Lond.	Journal of Endocrinology.	J. Nutrition . . . . .	Journal of Nutrition.
J. Exp. Biol. . . . .	Journal of Experimental Biology.	J. Obstet. Gynaec. . .	Journal of Obstetrics and Gynaecology of the British Empire.
		J. Oil Col. Chem. Assoc.	Journal of the Oil and Colour Chemists' Association.
		J. Opt. Soc. Amer. . .	Journal of the Optical Society of America.

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
J. Org. Chem. . . .	Journal of Organic Chemistry.	J. Urol. méd. chir. . .	Journal d'Urologie médicale et chirurgicale.
J. orient. Med. . . .	Journal of Oriental Medicine, Dairen, S. Manchuria.	J. Usines Gaz . . . .	Journal des Usines à Gaz.
J. Path. Bact. . . .	Journal of Pathology and Bacteriology.	J. Washington Acad. Sci.	Journal of the Washington Academy of Sciences.
J. Pediat. . . . .	Journal of Pediatrics.	J. West Scotland Iron Steel Inst.	Journal of the West of Scotland Iron and Steel Institute.
J. Pharm. Chim. . . .	Journal de Pharmacie et de Chimie.	Kali . . . . .	Kali verwandte Salze und Erdöl.
J. Pharm. Exp. Ther.	Journal of Pharmacology and Experimental Therapeutics.	Kalii . . . . .	Kalii (Russia).
J. Pharm. Soc. Japan	Journal of the Pharmaceutical Society of Japan. (Yakugakuzasshi.)	Kautschuk . . . . .	Kautschuk.
J. Physical Chem. . .	Journal of Physical Chemistry.	Keijo J. Med. . . . .	Keijo Journal of Medicine.
J. Phys. Chem. Russ.	Shurnal Fizitscheskoi Khimii.	Kentucky Agric. Exp. Stat. Bull. . . . .	Kentucky Agricultural Experimental Station, Bulletin.
J. Physiol. . . . .	Journal of Physiology.	Keram. Rundsch. . . .	Keramische Rundschau und Kunst-Keramik.
J. Physiol. Path. gen.	Journal de Physiologie et de Pathologie générale.	Kimya Annali . . . .	Kimya Annali.
J. Phys. Radium . . .	Journal de Physique et le Radium.	Kitasato Arch. Exp. Med.	Kitasato Archives of Experimental Medicine.
J. Pomology . . . .	Journal of Pomology and Horticultural Science.	K. fysiogr. Sällsk. Lund Forh.	Kongliga Fysiografiska Sällskapet i Lund Forhandlingar.
J. pr. Chem. . . . .	Journal für praktische Chemie.	Klin. Monatsbl. Augenheilk.	Klinische Monatsblätter für Augenheilkunde.
J. Proc. Asiatic Soc. Bengal	Journal and Proceedings of the Asiatic Society of Bengal.	Klin. Woch. . . . .	Klinische Wochenschrift.
J. Proc. Austral. Chem. Inst.	Journal and Proceedings of the Australian Chemical Institute.	Kohle u. Erz . . . .	Kohle und Erz.
J. Proc. Roy. Soc. New South Wales	Journal and Proceedings of the Royal Society of New South Wales.	Koks i Chim. . . . .	Koks i Chimia.
J. Psychol. Neurol. .	Journal für Psychologie und Neurologie.	Kolloid-Beih. . . . .	Kolloid-Beihefte.
J. Radiol. Electrol. .	Journal de Radiologie et d'Electrologie.	Kolloid. Shurn. . . .	Kolloidni Shurnal.
J. R.A.M.C. . . . .	Journal of the Royal Army Medical Corps.	Kolloid-Z. . . . .	Kolloid-Zeitschrift.
J. Res. Nat. Bur. Stand.	Journal of Research of the National Bureau of Standards.	Koppers Rev. . . . .	Koppers Review.
J. Roy. Aeronaut. Soc.	Journal of the Royal Aeronautical Society.	Korros. u. Metall-schutz	Korrosion und Metallschutz.
J. Roy. Agric. Soc. .	Journal of the Royal Agricultural Society.	K. Svenska Vet. Akad. Handl.	Kongliga Svenska Vetenskaps Akademiens Handlingar.
J. Roy. Anthropol. Inst.	Journal of the Royal Anthropological Institute.	Kunstseide . . . . .	Kunstseide und Zellwolle.
J. Roy. Hort. Soc. .	Journal of the Royal Horticultural Society.	Kunststoffe . . . . .	Kunststoffe.
J. Roy. Microscop. Soc.	Journal of the Royal Microscopical Society.	Lait . . . . .	Le Lait.
J. Roy. Soc. West Australia	Journal of the Royal Society of West Australia.	Lancet . . . . .	The Lancet.
J. Roy. Tech. Coll. .	Journal of the Royal Technical College (Glasgow).	Landw. Jahrb. . . . .	Landwirtschaftliche Jahrbücher.
J. Rubber Res. . . .	Journal of Rubber Research.	Landw. Versuchs-Stat.	Die landwirtschaftlichen Versuchs-Stationen.
J. Rubber Res. Inst. Malaya	Journal of the Rubber Research Institute of Malaya.	Latvij. Univ. Raksti.	Latvijas Universitātes Raksti, Kimijas Fakultātes Serija.
J. Sci. Hiroshima Univ.	Journal of Science of the Hiroshima University.	Ledertech. Rundsch..	Ledertechnische Rundschau.
J. Sci. Instr. . . . .	Journal of Scientific Instruments.	London Shellac Res. Bur., Tech. Paper	London Shellac Research Bureau, Technical Paper.
J. Sci. Tech. India .	Journal of Science and Technology, India.	Louisiana Planter . .	Louisiana Planter.
J. Scot. Met. Soc. .	Journal of the Scottish Meteorological Society.	Malay. Agric. J. . . .	Malayan Agricultural Journal.
J. Severance Un. Med. Coll.	Journal of the Severance Union Medical College.	Maslob. Shir. Delo . .	Masloboino Shirovoo Delo.
J. Shanghai Sci. Inst.	Journal of the Shanghai Science Institute.	Mass. Agric. Exp. Sta. Bull.	Massachusetts Agricultural Experiment Station Bulletin.
J. Soc. Arts . . . .	Journal of the Royal Society of Arts.	Materie Plast. . . . .	Materie Plastiche.
J. Soc. Auto. Eng. .	Journal of the Society of Automobile Engineers.	Mech. Eng. . . . .	Mechanical Engineering.
J.S.C.I. . . . .	Journal of the Society of Chemical Industry.	Mech. World . . . . .	Mechanical World.
J. Soc. Chem. Ind. Japan	Journal of the Society of Chemical Industry, Japan. (Kōgyō Kwagaku Zasshi.)	Medd. K. Vetenskaps-akad. Nobel-Inst.	Meddelanden från Kongl-Vetenskaps-akademiens Nobel-Institut.
J. Soc. Dyers and Col.	Journal of the Society of Dyers and Colourists.	Med. Ann. Columbia .	Medical Annals of the District of Columbia.
J. Soc. Glass Tech. .	Journal of the Society of Glass Technology.	Med. Doswiad. . . . .	Medycyna Doświadczalna i Społeczna.
J. Soc. Leather Trades' Chem.	Journal of the International Society of Leather Trades' Chemists.	Medical J. Australia .	Medical Journal of Australia.
J. S. African Chem. Inst.	Journal of the South African Chemical Institute.	Medicine . . . . .	Medicine.
J. South-East Agric. Coll.	Journal of the South-Eastern Agricultural College, Wye, Kent.	Med. Klin. . . . .	Medizinische Klinik.
J. State Med. . . . .	Journal of State Medicine.	Med. Welt. . . . .	Medizinische Welt.
J. Text. Inst. . . . .	Journal of the Textile Institute.	Mehl u. Brot . . . . .	Mehl und Brot.
J. thorac. Surg. . . .	Journal of Thoracic Surgery.	Mem. Accad. Lincei .	Memorie della Reale Accademia Nazionale dei Lincei.
J. trop. Med. Hyg. . .	Journal of Tropical Medicine and Hygiene.	Mem. Accad. Sci. Torino	Memorie della Reale Accademia delle Scienze di Torino.
J. Univ. Bombay . . .	Journal of the University of Bombay.	Mem. Coll. Agric. Kyoto	Memoirs of the College of Agriculture, Kyoto Imperial University.
J. Urol. . . . .	Journal of Urology.	Mem. Coll. Sci. Kyoto	Memoirs of the College of Science, Kyoto Imperial University.
		Mem. Dept. Agric. India	Memoirs of the Department of Agriculture in India.
		Mem. Inst. Chem. Ukrain. Acad. Sci.	Memoirs of the Institute of Chemistry, Academy of Sciences of the Ukrainian S.S.R.
		Mem. Manchester Phil. Soc.	Memoirs and Proceedings of the Manchester Literary and Philosophical Society.



ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Mem. Poudres . . .	Memorial des Poudres.	Münch. med. Woch. .	Münchener medizinische Wochenschrift.
Mém. Soc. Ing. Civ. France	Mémoires et Compte rendu des Travaux de la Société des Ingénieurs Civils de France.	Nachr. Ges. Wiss. Göttingen	Nachrichten von der Gesellschaft der Wissenschaften zu Göttingen.
Met. Clean. and Fin. .	Metal Cleaning and Finishing.	Nagoya J. med. Sci. .	Nagoya Journal of Medical Science.
Mét. Corros. . . .	Métaux et Corrosion.	Nat. Butter & Cheese J.	National Butter and Cheese Journal.
Metal Ind. (Lond.) .	Metal Industry.	Nat. Paint Var. As-soc. Circ.	National Paint, Varnish, and Lacquer Association, Inc., Circular.
Metal Ind. (N.Y.) .	Metal Industry (New York).	Nat. Petroleum News	National Petroleum News.
Metallwirts. . . .	Metallwirtschaft Wissenschaft Technik.	Natural. Canad. . .	Le Naturaliste Canadien.
Metal Progr. . . .	Metal Progress.	Nature . . . . .	Nature.
Metall u. Erz. . . .	Metall und Erz.	Natuurwetensch. Tijds.	Natuurwetenschappelijk Tijdschrift.
Metallges. Rev. . .	Metallgesellschaft Periodic Review.	Naturwiss. . . . .	Die Naturwissenschaften.
Metallurgia . . . .	Metallurgia.	Nebraska State Med. J.	Nebraska State Medical Journal.
Met. & Alloys . . .	Metals and Alloys.	Nervenarzt . . . .	Der Nervenarzt.
Metals Tech. . . .	Metals Technology.	New England J. Med.	New England Journal of Medicine.
Metrop. Water Bd. Rep.	Metropolitan Water Board Reports.	New Hamps. Agric. Exp. Sta. Bull.	New Hampshire Agricultural Experiment Station Bulletin.
Metro.-Vickers Gaz. .	Metropolitan-Vickers Gazette.	New Jersey Agric. Exp. Sta. Bull.	New Jersey Agricultural Experiment Station Bulletin.
Meun. Franç. . . .	Le Meunerie Française.	New Orleans Med. J.	New Orleans Medical Journal.
Mezőg. Kutat. . . .	Mezőgazdasági Kutatások.	New Phytol. . . . .	New Phytologist.
Mich. Agric. Exp. Sta. Bull.	Michigan Agricultural Experiment Station Bulletin.	New York Agr. Expt. Sta. Bull.	New York State Agricultural Experiment Station Bulletins.
Mikrochem. . . . .	Mikrochemie vereinigt mit Mikrochimica Acta.	New York (Geneva) Agric. Exp. Sta. Bull.	New York (Geneva) Agricultural Experiment Station Bulletin.
Milch. Forsch. . . .	Milchwirtschaftliches Forschungen.	N.Y. Sta. J. Med. . .	New York State Journal of Medicine.
Milch. Zentr. . . . .	Milchwirtschaftliches Zentralblatt.	New Zealand Dominion Laby. Rept.	New Zealand Dominion Laboratory Reports.
Milk Ind. . . . .	Milk Industry.	New Zealand J. Agric.	New Zealand Journal of Agriculture.
Milk Plant Month. .	Milk Plant Monthly.	New Zealand J. Sci. Tech.	New Zealand Journal of Science and Technology.
Miller . . . . .	The Miller.	Northw. Med. . . . .	Northwest Medicine.
Mining Tech. . . .	Mining Technology.	Nova Acta Soc. Sci. .	Nova Acta Regiae Societatis Scientiarum Upsaliensis.
Min. Mag. . . . .	Mineralogical Magazine and Journal of the Mineralogical Society.	Nuovo Cim. . . . .	Nuovo Cimento.
Min. & Met. . . . .	Mining and Metallurgy.	Nutr. Abs. . . . .	Nutrition Abstracts and Reviews.
Minnesota Med. . .	Minnesota Medicine.	Oberflächentech. . .	Oberflächentechnik.
Missouri Agric. Exp. Sta. Res. Bull.	Missouri Agricultural Experiment Station Research Bulletin.	Obst. u. Gemüsebau .	Der Obst und Gemüsebau.
Mitt. allg. path. Jap.	Mitteilungen über allgemeine Pathologie und pathologische Anatomie Tohoku University.	Occas. Papers Riverside Jun. Coll.	Occasional Papers of the Riverside Junior College.
Mitt. Grenzgeb. Med. Chir.	Mitteilungen aus den Grenzgebieten der Medizin und Chirurgie.	Office int. Hyg. publ.	Office internationale d'Hygiène publique.
Mitt. Kaiser-Wilh. Inst. Eisenforsch.	Mitteilungen aus dem Kaiser-Wilhelm Institut für Eisenforschung zu Düsseldorf.	Ofvers. Finska Vet.-Soc.	Öfversigt af Finska Vetenskaps-Societens Förhandlingar, Helsingfors.
Mitt. Kohlenforschungsinst. Prag	Mitteilungen des Kohlenforschungsinstituts in Prag.	Oel u. Kohle . . . .	Oel und Kohle.
Mitt. Kohle- u. Eisenforsch.	Mitteilungen der Kohle- und Eisenforschung G.m.b.H.	Ohio Sta. med. J. . .	Ohio State Medical Journal.
Mitt. Lebensm. Hyg.	Mitteilungen aus dem Gebiete der Lebensmitteluntersuchungen und Hygiene.	Öle, Fette, Wachse .	Öle, Fette, Wäohse, Seife, Kosmetik.
Mitt. Materialprüf. .	Mitteilungen aus dem Materialprüfungsamt zu Gross-Lichterfelde West.	Österr. Chem.-Ztg. .	Österreichische Chemiker-Zeitung.
Mitt. med. Ges. Tokyo	Mitteilungen der medizinischen Gesellschaft zu Tokyo.	Off. Digest. . . . .	Official Digest of the Federation of Paint and Varnish Production Clubs.
Mitt. Path. Inst. K. Univ. Japan	Mitteilungen aus dem pathologischen Institut der Kaiserlichen Universität zu Sendai, Japan.	Ohio Agric. Exp. Sta. Bull.	Ohio Agricultural Experiment Station Bulletin.
Mitt. Textilforsch. Krefeld	Mitteilungen der Textilforschungsanstalt Krefeld e.V.	Oil and Gas J. . . .	Oil and Gas Journal.
Monatsbull. Schweiz. Ver. Gas- u. Wasserfasch.	Schweizerischen Verein von Gas- und Wasserfachmännern, Monats-Bulletin.	Oil and Soap . . . .	Oil and Soap.
Monatsh. . . . .	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften.	Oklahoma Agric. Exp. Sta. Bull.	Oklahoma Agricultural Experiment Station Bulletin.
Mschr. Geburtsh. Gynäk.	Monatsschrift für Geburtshilfe und Gynäkologie.	Org. Chem. Ind. Russ.	See Prom. Org. Chim.
Mschr. Kinderheilk. .	Monatsschrift für Kinderheilkunde.	Ophthalmologia . . .	Ophthalmologia.
Montana Agric. Exp. Sta. Bull.	Montana Agricultural Experiment Station Bulletin.	Oversigt Danske Vid. Selsk.	Oversigt over det Kongelige Danske Videnskabernes Selskabs Forhandlingar.
Montan. Runds. . . .	Montanistische Rundschau.	Pacific Pulp and Paper Ind.	Pacific Pulp and Paper Industry.
Month. J. Inst. Metals	Monthly Journal of the Institute of Metals.	Paint, Oil, and Chem. Rev.	Paint, Oil, and Chemical Review.
Month. Not. Roy. Astr. Soc.	Monthly Notices of the Royal Astronomical Society, London.	Paint Manuf. . . . .	Paint Manufacture.
Month. Rep. Dept. Agric. N. Ireland	Monthly Reports of the Department of Agriculture of Northern Ireland.	Paint Tech. . . . .	Paint Technology.
Morph. Jahrb. . . .	Morphologisches Jahrbuch, Leipzig.	Paint and Var. Prod. Man.	Paint and Varnish Production Manager.
Mühle . . . . .	Die Mühle.	Paper . . . . .	Paper.
Mühlenlab. . . . .	Das Mühlenlaboratorium.	Paper Ind. . . . .	Paper Industry.
		Paper-Maker . . . .	Paper-Maker and British Paper Trade Journal.
		Paper Mill . . . . .	Paper Mill.
		Paper Trade J. . . .	Paper Trade Journal.
		Papier-Fabr. . . . .	Papier-Fabrikant.
		Pedology . . . . .	Pedology.

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Peint., Pig., Ver. . .	Peinture, Pigment, Vernis.	Proc. Inst. Civ. Eng.	Proceedings of the Institution of Civil Engineers.
Penn. med. J. . . .	Pennsylvania Medical Journal.	Proc. Inst. Mech. Eng.	Proceedings of the Institution of Mechanical Engineers.
Perf. & Essent. Oil Rec.	Perfumery and Essential Oil Record.	Proc. Inst. Med. Chicago.	Proceedings of the Institute of Medicine, Chicago.
Petrol. Eng. . . . .	Petroleum Engineering.	Proc. Internat. Cong. Soil Sci.	Proceedings of the International Congress of Soil Science.
Petrol. Times . . . .	Petroleum Times.	Proc. Internat. Soc. Soil Sci.	Proceedings of the International Society of Soil Science.
Petroleum . . . . .	Petroleum (German).	Proc. K. Akad. Wetensch. Amsterdam	Koninklijke Akademie van Wetenschappen te Amsterdam. Proceedings (English version).
Pflüger's Archiv . . .	Archiv für die gesamte Physiologie des Menschen und der Tiere.	Proc. Leningrad Dept. Inst. Fert.	Proceedings of the Leningrad Departmental Institute of Fertilisers.
Pharm. Acta Helv. . .	Pharmaceutisch Acta Helvetica.	Proc. Muslim Assoc. .	Proceedings of the Muslim Association for the Advancement of Science.
Pharm. J. . . . .	Pharmaceutical Journal.	Proc. Nat. Acad. Sci. India	Proceedings of the National Academy of Sciences.
Pharm. Weekblad . . .	Pharmaceutisch Weekblad.	Proc. Nat. Acad. Sci. Nova Scotian Inst. Sci.	Proceedings of the National Academy of Sciences of India.
Pharm. Tijds. Nederl.-Indië	Pharmaceutisch Tijdschrift voor Nederlandsch-Indië.	Proc. Nova Scotian Inst. Sci.	Proceedings of the Nova Scotian Institute of Science.
Pharm. Ztg. . . . .	Pharmazeutische Zeitung.	Proc. Phil. Soc. Glasgow	Proceedings of the Glasgow Philosophical Society.
Pharm. Zentr. . . . .	Pharmazeutische Zentralhalle.	Proc. Physical Soc. .	Proceedings of the Physical Society of London.
Philippine Agric. . . .	Philippine Agriculturist.	Proc. Physiol. Soc. .	Proceedings of the Physiological Society.
Philippine J. Sci. . . .	Philippine Journal of Science.	Proc. Roy. Inst. . . .	Proceedings of the Royal Institution of Great Britain.
Phil. Mag. . . . .	Philosophical Magazine (The London, Edinburgh, and Dublin).	Proc. Roy. Irish Acad.	Proceedings of the Royal Irish Academy.
Phil. Trans. . . . .	Philosophical Transactions of the Royal Society of London.	Proc. Roy. Soc. . . .	Proceedings of the Royal Society.
Phot. Ind. . . . .	Photographische Industrie.	Proc. Roy. Soc. Edin.	Proceedings of the Royal Society of Edinburgh.
Phot. J. . . . .	Photographic Journal.	Proc. Roy. Soc. Med.	Proceedings of the Royal Society of Medicine.
Phot. Korr. . . . .	Photographische Korrespondenz.	Proc. Roy. Soc. Queensland	Proceedings of the Royal Society of Queensland.
Physica . . . . .	Physica.	Proc. Roy. Soc. Tasmania	Proceedings of the Royal Society of Tasmania.
Physical Rev. . . . .	Physical Review.	Proc. Sci. Assoc. Vizianagram	Proceedings of the Science Association, Maharajah's College, Vizianagram.
Physics . . . . .	Physics (now Journal of Applied Physics).	Proc. Soc. Biol. Chem. India	Proceedings of the Society of Biological Chemists, India.
Physikal. Z. . . . .	Physikalische Zeitschrift.	Proc. Soc. Exp. Biol. Med.	Proceedings of the Society for Experimental Biology and Medicine.
Physikal. Z. Soviet-union	Physikalische Zeitschrift der Soviet-union.	Proc. Soil Sci. Soc. Amer.	Proceedings of the Soil Science Society of America.
Physiol. Rev. . . . .	Physiological Reviews.	Proc. S. Wales Inst. Eng.	Proceedings of the South Wales Institute of Engineers.
Phytopath. . . . .	Phytopathology.	Proc. Staff Mayo Clin.	Proceedings of the Staff Meetings of the Mayo Clinic.
Phytopath. Z. . . . .	Phytopathologische Zeitschrift.	Proc. Tech. Sect. Paper Makers' Assoc.	Proceedings of the Technical Section of the Paper Makers' Association of Great Britain and Ireland.
Plant Physiol. . . . .	Plant Physiology	Proc. U.S. Nat. Mus.	Proceedings of the United States National Museum.
Planta (Z. wiss. Biol.)	Planta (Zeitschrift für wissenschaftliche Biologie).	Proefstat. Vorstenland. Tabak	Proefstation voor Vorstenlandsche Tabak.
Plast. Massen . . . . .	Plastische Massen.	Progr. Rept. Fisheries Res. Bd. Canada	Progress Reports of the Fisheries Research Board of Canada.
Plast. Massi . . . . .	Plastische Massi.	Prom. Org. Chim. . . .	Promischlennosti Organitscheskoi Chimii.
Policlinico . . . . .	Il Poliolinico.	Protoplasma . . . . .	Protoplasma.
Poultry Sci. . . . .	Poultry Science.	Przemysl Chem. . . . .	Przemysli Chemiczny.
Power Plant Eng. . . .	Power Plant Engineering.	Publ. Fac. Sci. Univ. Masaryk	Publications de la Faculté des Sciences de l'Université Masaryk (Spisy vydané Přírodovědeckou Facultou Masarykovy University).
Presse Méd. . . . .	La Presse médicale.	Pulp and Paper Mag. Canada	Pulp and Paper Magazine of Canada.
Proc. Acad. Sci. Agra and Oudh	Proceedings of the Academy of Sciences of the United Provinces of Agra and Oudh, India.	Quart. J. Exp. Physiol.	Quarterly Journal of Experimental Physiology.
Proc. Amer. Acad. Arts Sci.	Proceedings of the American Academy of Arts and Sciences.	Quart. J. Geol. Soc. .	Quarterly Journal of the Geological Society.
Proc. Amer. Gas Assoc.	Proceedings of the American Gas Association.	Quart. J. Geol. Soc., India	Quarterly Journal of the Geological, Mining and Metallurgical Society of India.
Proc. Amer. Phil. Soc.	Proceedings of the American Philosophical Society.	Quart. J. Med. . . . .	Quarterly Journal of Medicine.
Proc. Amer. Physiol. Soc.	Proceedings of the American Physiological Society.		
Proc. Amer. Soc. Biol. Chem.	Proceedings of the American Society of Biological Chemists.		
Proc. Amer. Soc. Civ. Eng.	Proceedings of the American Society of Civil Engineers.		
Proc. Amer. Soc. Hort. Sci.	Proceedings of the American Society of Horticultural Science.		
Proc. Amer. Soc. Test. Mat.	Proceedings of the American Society for Testing Materials.		
Proc. Austral. Inst. Min. Met.	Proceedings of the Australasian Institute of Mining and Metallurgy.		
Proc. Camb. Phil. Soc.	Proceedings of the Cambridge Philosophical Society.		
Proc. Chem. Eng. Group	Proceedings of the Chemical Engineering Group of the Society of Chemical Industry.		
Proc. Durham Phil. Soc.	Proceedings of the University of Durham Philosophical Society.		
Proc. Eng. Soc. W. Pa.	Proceedings of the Engineers' Society of Western Pennsylvania.		
Proc. Imp. Acad. Tokyo	Proceedings of the Imperial Academy (Tokyo).		
Proc. Indian Acad. Sci.	Proceedings of the Indian Academy of Sciences.		
Proc. Inst. Auto. Eng.	Proceedings of the Institution of Automobile Engineers.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Quart. J. Micr. Sci. .	Quarterly Journal of Microscopical Science.	Rev. Univ. Min. .	Revue Universelle des Mines.
Quart. J. Pharm. .	Quarterly Journal of Pharmacy and Pharmacology.	Ric. Scient. .	Ricerca Scientifica.
Quart. J. Speech .	Quarterly Journal of Speech.	Riv. Biol. .	Rivista de Biologia.
Queensland J. Agric.	Queensland Journal of Agriculture.	Rocz. Chem. .	Roczniki Chemji organ Polskiego Towarzystwa Chemicznego.
Radiology .	Radiology.	Rocz. Nauk Roln. Lesn.	Roczniki Nauk Rolniczych i Leśnych.
Rasāyanam .	Rasāyanam.	Rubber Age (London)	Rubber Age, London.
Rayon Text. Month.	Rayon Textile Monthly.	Rubber Age (N.Y.) .	Rubber Age, New York.
Rayon World .	Rayon World (Japan).	Rubber Chem. & Tech.	Rubber Chemistry and Technology.
R.C. Atti Accad. Lincei	Atti della Reale Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze fisiche, matematiche e naturali.	Sands, Clays and Min.	Sands, Clays and Minerals.
Rec. Australian Mus.	Records of the Australian Museum.	Sang .	Lo Sang.
Rec. trav. bot. Néerland.	Recueil des travaux botaniques Néerlandaises.	Sborn. Trud. Ukrain. Chim. Inst. Odessa	Sbornik Trudov Ukrainского Nauchno-Issledova-Telskogo Chimitscheskogo Instituta Odessa.
Rec. trav. chim. .	Recueil des travaux chimiques des Pays-Bas.	Schlager u. Eisen .	Schlager und Eisen.
Refiner .	Refiner and Natural Gasoline Manufacturer.	Schweiz. Arch. Neurol. Psychiat.	Schweitzer Archiv für Neurologie und Psychiatrie.
Rend. Accad. Sci. Fis. Mat. Napoli	Rendiconto dell' Accademia delle Scienze Fisiche e Matematiche, Napoli.	Schweiz. med. Woch.	Schweizerische medizinische Wochenschrift.
Rend. Ist. Lomb. Sci. Lett.	Rendiconti dell' Reale Istituto Lombardo di Scienze e Lettere.	Schweiz. Z. allg. Path. Bact.	Schweizerische Zeitschrift für allgemeine Pathologie und Bakteriologie.
R. Ist. San. Pubbl. .	Rendiconti Istituto di Sanita Pubblica.	Science .	Science.
Rensselaer Polyt. Inst. Bull.	Rensselaer Polytechnic Institute Bulletin.	Sci. Agric. .	Scientific Agriculture.
Rep. Aust. Assoc. Sci.	Report of the Australian Association for the Advancement of Science.	Sci. and Cult. .	Science and Culture.
Rep. Brit. Assoc. .	Report of the British Association for the Advancement of Science.	Sci. et Ind. .	Science et Industrie.
Rep. Inst. Sci. Res. Manchoukuo	Report of the Institute of Scientific Research, Manchoukuo.	Sci. Ind. Rep. Roure-Bertrand Fils	Scientific and Industrial Reports of Roure-Bertrand Fils.
Res. Stud. State Coll. Washington	Research Studies of the State College of Washington.	Sci. Mem. Univ. Saratov	Scientific Memoirs of the University of Saratov.
Rev. Aluminium .	Revue de l'Aluminium.	Sci. Papers Inst. Phys. Chem. Res. Tokyo	Scientific Papers of the Institute of Physical and Chemical Research, Tokyo.
Rev. Assoc. Med. Argent.	Revista de la Asociacion Medica Argentina.	Sci. Proc. Roy. Dublin Soc.	Scientific Proceedings of the Royal Dublin Society.
Rev. belge Sci. méd. .	Revue belge des Sciences médicales.	Sci. Quart. Nat. Univ. Peking	Science Quarterly of the National University of Peking.
Rev. Chim. Ind. .	Revista de Chimica Industrial.	Sci. Rep. Hiroshima Tech. Sch.	Scientific Reports of the Hiroshima Higher Technical School.
Rev. Chim. pure appl.	Revista de Chimica pura e applicada, Órgao de Sociedade Portuguesa de Quimica e Fisica.	Sci. Rep. Tôhoku .	Science Reports, Tôhoku Imperial University.
Rev. Comb. liq. .	Revue des Combustibles liquides.	Sci. Rep. Tokyo Bunrika Daigaku	Science Reports of the Tokyo Bunrika Daigaku.
Rev. d'Acoust. .	Revue d'Acoustique.	Sci. Rep. Tsing Hua Univ.	Science Reports of the National Tsing Hua University.
Rev. d'Orthopéd. .	Revue d'Orthopédie.	Sci. Sect. Nat. Paint, Var. Assoc. Circ.	Scientific Section, National Paint, Varnish, and Lacquer Association, Inc., Circulars.
Rev. Fac. Cienc. Quím., La Plata	Revista de la Facultad de Ciencias Químicas.	Sci. Trans. Roy. Dublin Soc.	Scientific Transactions of the Royal Dublin Society.
Rev. Fac. Quím. Ind. Agric.	Revista de la Facultad de Química Industrial y Agrícola.	Scot. J. Agric. .	Scottish Journal of Agriculture.
Rev. franç. Endocrinol.	Revue française d'Endocrinologie.	Seifens.-Ztg. .	Seifensieder-Zeitung.
Rev. Fac. Sci. Istanbul	Istanbul Universitesi fen Fakültesi Mecmuasi.	Sewage Purif. .	Sewage Purification.
Rev. Gastroenterol. .	Review of Gastroenterology.	Sewage Works J. .	Sewage Works Journal.
Rev. Gen. Mat. Col. .	Revue Générale des Matières Colorantes.	Sheet Metal Ind. .	Sheet Metal Industries.
Rev. Gén. Mat. Plast.	Revue Générale des Matières Plastiques.	Siam Sci. Bull. .	Siam Science Bulletin.
Rev. l'Ind. Min. .	Revue de l'Industrie Minérale.	Siemens Z. .	Siemens Zeitschrift.
Rev. Mat. Constr. .	La Revue des Matériaux de Construction et de Travaux Publics.	Sitzungsber. Akad. Wiss. Wien	Sitzungsberichte der Kaiserliche Akademie der Wissenschaften in Wien.
Rev. Méd. .	Revue de Médecine.	Sitzungsber. Heidelberger Akad. Wiss.	Sitzungsberichte der Heidelberger Akademie der Wissenschaften.
Rev. Med. Buenos Aires	La Revista de Medicina y Ciencias Afines.	Sitzungsber. Preuss. Akad. Wiss. Berlin	Sitzungsberichte der Preussischen Akademie der Wissenschaften zu Berlin.
Rev. med. Hosp. Gen., Mexico	Revista Medica de Hospital General.	Skand. Arch. Physiol.	Skandinavisches Archiv für Physiologie.
Rev. méd. Suisse rom.	Revue Médicale de la Suisse Romande.	Smithsonian Misc. Coll.	Smithsonian Miscellaneous Collection.
Rev. Met. .	Revue de Métallurgie.	Soap .	Soap.
Rev. Microbiol. Appl.	Revue de Microbiologie Appliquée à l'Agriculture, à l'Hygiène, à l'Industrie.	Soap Trade Rev. .	Soap, Perfumery and Cosmetic Trade Review.
Rev. Mod. Physics .	Reviews of Modern Physics.	Soil Res. .	Soil Research.
Rev. neurol. .	Revue neurologique.	Soil Sci. .	Soil Science.
Rev. Phys. Chem. Japan	Review of Physical Chemistry of Japan.	S. Afr. J. Med. Sci. .	South African Journal of Medical Sciences.
Rev. Quím. Farm. .	Revista de Quimica e Farmacia.	S. Afr. Med. J. .	South African Medical Journal.
Rev. Sci. Instr. .	Review of Scientific Instruments.	S. African J. Sci. .	South African Journal of Science.
Rev. Soc. argent. Biol.	Revista de la Sociedad argentina de Biologia.	Sth. Med. J. .	Southern Medical Journal.
Rev. Soc. Brasil. Quím.	Revista de la Sociedade Brasileira de Quimica.	Sparwirts. .	Sparwirtschaft.
		Sperimentale .	Lo Sperimentale.



ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Sprechsaal . . .	Sprechsaal für Keramik-Glas-Email.	Trans. Roy. Soc. Canada.	Transactions of the Royal Society of Canada.
Stahl u. Eisen . . .	Stahl und Eisen.	Trans. Roy. Soc. Edin.	Transactions of the Royal Society of Edinburgh.
Stain Tech. . . .	Stain Technology.	Trans. Roy. Soc. S. Africa.	Transactions of the Royal Society of South Africa.
Staz. sper. agr. ital. . .	Stazioni sperimentali agrarie italiane.	Trans. R. Soc. trop. Med. Hyg.	Transactions of the Royal Society of Tropical Medicine and Hygiene.
Steam Eng. . . . .	Steam Engineer.	Trans. Saratov Univ.	Transactions of the Saratov University (Gelehrte Notizen der Saratover Staats Universität).
Steel . . . . .	Steel.	Trans. Union Res. Inst. Cements, U.S.S.R.	Transactions of the Union Research Institute for Cements, U.S.S.R.
Strahlenther . . . .	Strahlentherapie.	Trop. Agric. . . .	Tropical Agriculturist (Ceylon).
Stud. Inst. Divi Thomae	Studies of the Institution Divi Thomae.	Trop. Agric. (Trinidad)	Tropical Agriculture (Trinidad).
Süddeuts. Apoth.-Ztg.	Süddeutsche Apotheker-Zeitung.	Tsch. Min. Mitt. . .	Mineralogische und Petrographische Mitteilungen (Zeitschrift für Kristallographie, Mineralogie, und Petrographie, Abteilung B).
Sugar Bull. . . . .	Sugar Bulletin.	U.S. Bur. Mines, Bull., Tech. Papers, and Rept. Invest.	United States Bureau of Mines, Bulletins, Technical Papers, and Reports of Investigations.
Suomen Kem. . . .	Suomen Kemistilehti Acta Chemica Fennica.	U.S. Bur. Plant Ind. U.S. Dept. Agric. Bull. (or Circ.)	United States Bureau of Plant Industry. United States Department of Agriculture Bulletins (or Circulars).
Superphosphat . . .	Superphosphat.	U.S. Hyg. Labor. Bull.	United States Hygienic Laboratory Bulletins.
Superphosphate . .	Superphosphate.	U.S.P.	United States Patent.
Surgery . . . . .	Surgery.	U.S. Publ. Health Repts.	United States Public Health Reports.
Svensk Kem. Tidskr.	Svensk Kemisk Tidskrift.	Ukrain. Biochem. J. .	Ukrainian Biochemical Journal.
Tasmanian Agric. J. .	Tasmanian Agricultural Journal.	Ukrain. Chem. J. . .	Ukrainian Chemical Journal.
Tech. Kurir . . . .	Technikai Kurir.	Union S. Africa Dept. Agric. Bulls.	Union of South Africa Department of Agriculture Bulletins.
Tech. in Landw. . .	Die Technik in der Landwirtschaft.	Univ. Illinois Bull. .	University of Illinois Bulletins.
Tech. Mitt. Krupp . .	Technische Mitteilungen Krupp.	Upsala Läkfrören. Förh.	Upsala Läkareförenings Förhandlingar.
Tech. Phys. U.S.S.R.	Technical Physics of the U.S.S.R.	Utah Agric. Coll. Exp. Stat. Bull.	Utah Agricultural College Experiment Station Bulletins.
Tech. Publ. Tin Res. Counc.	Technical Publications of the International Tin Research and Development Council.	V.D.I. Forschungsheft	Forschung auf dem Gebiete des Ingenieurwesens Forschungsheft.
Tech. Rep. Tohoku . .	Technology Reports of the Tohoku Imperial University, Sendai, Japan.	Vedag Jahrb. . . . .	Vedag Jahrbuch.
Tecr u. Bitumen . . .	Tecr und Bitumen.	Verfkroniek . . . .	Verfkroniek.
Tekn. Tidsk. . . . .	Teknisk Tidskrift.	Verh. Anat. Ges. . .	Verhandlungen der Anatomischen Gesellschaft (Supplement to Anatomischer Anzeiger).
Textilber. . . . .	Melliand Textilberichte.	Verh. dtsch. path. Ges.	Verhandlungen der deutschen pathologischen Gesellschaft.
Text. Merc. & Argus.	Textile Mercury and Argus.	Verh. Geol. Reichsanst. Wien	Verhandlungen der Geologischen Reichsanstalt in Wien.
Tids. Kjem. . . . .	Tidsskrift for Kjem. og Bergvesen.	Verh. Ges. deut. Naturforsch. Aertze	Verhandlungen der Gesellschaft deutscher Naturforscher und Aertze.
Tohoku J. exp. Med.	Tohoku Journal of Experimental Medicine.	Verh. Vereins Schweiz. Physiol.	Vorhandlungen der Vereins der Schweizer Physiologen.
Tonind.-Ztg. . . . .	Tonindustrie-Zeitung.	Vermont Agric. Exp. Sta. Bull.	Vermont Agricultural Experiment Station Bulletin.
Trans. Amer. Found. Assoc.	Transactions of the American Foundrymen's Association.	Verre et Silicates Ind.	Verre et Silicates Industriels.
Trans. Amer. Inst. Chem. Eng.	Transactions of the American Institute of Chemical Engineers.	Vestn. Českoslov. Akad. Zemed.	Věstník Československé Akademie Zemědělské.
Trans. Amer. Inst. Metals	Transactions of the American Institution of Metals.	Vestn. Mikrobiol. .	Vestník Mikrobiologii Epidemiologii i Parazitologii.
Trans. Amer. Inst. Min. Met. Eng.	Transactions of the American Institute of Mining and Metallurgical Engineers.	Vet. J. . . . .	Veterinary Journal.
Trans. Amer. Soc. Mech. Eng.	Transactions of the American Society of Mechanical Engineers.	Vet. Rec. . . . .	Veterinary Record.
Trans. Amer. Soc. Met.	Transactions of the American Society of Metals.	Virchow's Arch. . .	Archiv für pathologische Anatomie und Physiologie.
Trans. Bose Res. Inst.	Transactions of the Bose Research Institute, Calcutta.	Virginia (Blacksburg) Exp. Sta. Bull.	Virginia (Blacksburg) Experiment Station Bulletin.
Trans. Ceram. Soc. . .	Transactions of the British Ceramic Society.	Virginia Truck Exp. Sta. Bull.	Virginia Truck Experiment Station Bulletin.
Trans. Dokuchaiev Soil Inst.	Transactions of the Dokuchaiev Soil Institute.	Wärme . . . . .	Wärme.
Trans. Electrochem. Soc.	Transactions of the Electrochemical Society.	Welsh J. Agric. . .	Welsh Journal of Agriculture.
Trans. Faraday Soc. .	Transactions of the Faraday Society.	W. Afr. med. J. . .	West African Medical Journal.
Trans. Inst. Min. Eng.	Transactions of the Institution of Mining Engineers.	Wheat Studies . . .	Wheat Studies of the Food Research Institute.
Trans. Inst. Min. Met.	Transactions of the Institution of Mining and Metallurgy.	Wiadom. Farm. . .	Wiadomości Farmaceutyczne.
Trans. Inst. Plast. Ind.	Transactions of the Institute of the Plastics Industry.	Wien. Arch. inn. Med.	Wiener Archiv für innere Medizin.
Trans. Inst. Rubber Ind.	Transactions of the Institution of the Rubber Industry.	Wien. klin. Wschr. .	Wiener klinische Wochenschrift.
Trans. Leningrad Ind. Res. Inst.	Transactions of the Leningrad Industrial Research Institute.		
Trans. N. Eng. Inst. Min. Mech. Eng.	Transactions of the North of England Institute of Mining and Mechanical Engineers.		
Trans. New Zealand Inst.	Transactions of the New Zealand Institute.		
Trans. Nova Scotia Inst. Sci.	Transactions of the Nova Scotia Institute of Science.		
Trans. Ophthal. Soc. U.K.	Transactions of the Ophthalmological Society of the United Kingdom.		
Trans. Opt. Soc. . . .	Transactions of the Optical Society.		
Trans. Physiol. Inst., Leningrad	Transactions of the Physiological Institute, Leningrad.		
Trans. Roy. Irish Acad.	Transactions of the Royal Irish Academy.		

ABBREVIATED TITLE.	JOURNAL.	ABBREVIATED TITLE.	JOURNAL.
Wien. med. Wschr. . .	Wiener medizinische Wochenschrift.	Z. Morph. . .	Zeitschrift für Morphologie.
Wiss. Veröff. Siemens-Werken . . .	Wissenschaftliche Veröffentlichungen aus den Siemens-Werken.	Z. öst. Ver. Gas-Wasserfach. . .	Zeitschrift des österreichischen Vereines von Gas- und Wasserfachmännern.
Woch. Brau. . .	Wochenschrift für Brauerei.	Z. Parasitenk. . .	Zeitschrift für Parasitenkunde.
World's Paper Tr. Rev. . .	World's Paper Trade Review.	Z. Pflanzenkr. Pflanzenschutz . . .	Zeitschrift für Pflanzenkrankheiten (Pflanzenpathologie) und Pflanzenschutz.
World Power . . .	World Power.	Z. Physik . . .	Zeitschrift für Physik.
Yale J. biol. Med. . .	Yale Journal of Biological Medicine.	Z. physikal. Chem. . .	Zeitschrift für physikalische Chemie.
Z. anal. Chem. . .	Zeitschrift für analytische Chemie.	Z. physiol. Chem. . .	Hoppe-Seyler's Zeitschrift für physiologische Chemie.
Z. angew. Min. . .	Zeitschrift für angewandte Mineralogie.	Z. pr. Geol. . .	Zeitschrift für praktische Geologie.
Z. anorg. Chem. . .	Zeitschrift für anorganische und allgemeine Chemie.	Z. Spiritusind. . .	Zeitschrift für Spiritusindustrie.
Z. Augenheilk. . .	Zeitschrift für Augenheilkunde.	Z. tech. Phys. . .	Zeitschrift für technische Physik.
Z. Biol. . .	Zeitschrift für Biologie.	Z. Tierernähr. Futtermittelk. . .	Zeitschrift für Tierernährung und Futtermittelkunde.
Z. deut. Geol. Ges. . .	Zeitschrift der deutschen Geologischen Gesellschaft.	Z. Unters. Lebensm. . .	Zeitschrift für Untersuchung der Lebensmittel.
Z. Elektrochem. . .	Zeitschrift für Elektrochemie.	Z. Ver. deut. Ing. . .	Zeitschrift Vereins deutscher Ingenieure.
Z. Fleisch-Milch-Hyg. . .	Zeitschrift für Fleisch- und Milch-Hygiene.	Z. Ver. deuts. Ing. Verfahrenstech. . .	Zeitschrift des Vereins deutscher Ingenieure Beihefte Verfahrenstechnik.
Z. Geburtsh. Gynäk. . .	Zeitschrift für Geburtshilfe und Gynäkologie.	Z. vergl. Physiol. . .	Zeitschrift für vergleichende Physiologie.
Z. Ges. Anat. I. Z. Anat. Entw. Gesch. . .	Zeitschrift für die Gesamte Anatomie. I. Zeitschrift für Anatomie und Entwicklungsgeschichte.	Z. Vitaminforsch. . .	Zeitschrift für Vitaminforschung.
Z. ges. Brauw. . .	Zeitschrift für das gesamte Brauwesen.	Z. Wirts. Zuckerind. . .	Zeitschrift der Wirtschaftsgruppe Zuckerindustrie (Verein der Deutschen Zucker-Industrie).
Z. ges. exp. Med. . .	Zeitschrift für die gesamte experimentelle Medizin.	Z. wiss. Biol. . .	Zeitschrift für wissenschaftliche Biologie.
Z. ges. Getreidewes. . .	Zeitschrift für das gesamte Getreidewesen.	Z. wiss. Mikrosk. . .	Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik.
Z. ges. Kälte-Ind. . .	Zeitschrift für die gesamte Kälte-Industrie.	Z. wiss. Phot. . .	Zeitschrift für wissenschaftliche Photographie, Photophysik und Photochemie.
Z. ges. Naturwiss. . .	Zeitschrift für die gesamte Naturwissenschaft.	Z. Zellforsch. . .	Zeitschrift für Zellforschung und mikroskopische Anatomie.
Z. ges. Neurol. Psychiat. . .	Zeitschrift für die gesamte Neurologie und Psychiatrie.	Z. Zuchtang . . .	Zeitschrift für Zuchtang.
Z. ges. Schiess- u. Sprengstoffw. . .	Zeitschrift für das gesamte Schiess- und Sprengstoffwesen.	Z. Zuckerind. Czecho slov. . .	Zeitschrift für die Zuckerindustrie der Czechoslovakischen Republik.
Z. Hyg. . .	Zeitschrift für Hygiene und Infektionskrankheiten.	Zavod. Lab. . .	Zavodskaja Laboratorija.
Z. Immunitätsforsch. . .	Zeitschrift für Immunitätsforschung und experimentelle Therapie.	Zellstoff u. Papier . .	Zellstoff und Papier.
Z. Instrumkde. . .	Zeitschrift für Instrumentenkunde.	Zement . . .	Zement.
Z. Kinderheilk. . .	Zeitschrift für Kinderheilkunde.	Zbl. Neurochir. . .	Zentralblatt für Neurochirurgie.
Z. klin. Med. . .	Zeitschrift für klinische Medizin.	Zentr. Bakt. . .	Zentralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten.
Z. Krebsforsch. . .	Zeitschrift für Krebsforschung.	Zentr. Min. . .	Zentralblatt für Mineralogie, Geologie und Paläontologie.
Z. Kreislaufforsch. . .	Zeitschrift für Kreislaufforschung.	Zentr. Neurochir. . .	Zentralblatt für Neurochirurgie.
Z. Krist. . .	Zeitschrift für Kristallographie.	Zentr. Zuckerind. . .	Zentralblatt für Zuckerindustrie.
Z. Metallk. . .	Zeitschrift für Metallkunde.		
Z. Mikr.-Anat. Forsch. . .	Zeitschrift für mikroskopisch-anatomische Forschung.		

# LIST OF ABBREVIATIONS ETC. USED IN ABSTRACTS.

absolute . . . . .	abs.	electrocardiogram . . . . .	e.c.g.	parts per million . . . . .	p.p.m.
alternating current . . . . .	a.c.	electromotive force . . . . .	e.m.f.	per cent. . . . .	%
ampere . . . . .	amp.	electron-volt(s) . . . . .	e.v.	potential difference . . . . .	p.d.
Angstrom unit . . . . .	Å.	equivalent . . . . .	equiv.	precipitate . . . . .	ppt.
anhydrous . . . . .	anhyd.	feet, foot . . . . .	ft.	precipitated . . . . .	pptd.
approximat-e, -ly . . . . .	approx.	for example . . . . .	e.g.	precipitating . . . . .	pptg.
aqueous . . . . .	aq.	freezing point . . . . .	f.p.	precipitation . . . . .	pptn.
Assignor in patent titles {	Assr.	gallon(s) . . . . .	gal.	preparation . . . . .	prep.
Assignee only {	Assee.	gram(s) . . . . .	g.	qualitative . . . . .	qual.
atmosphere, -es, -ic . . . . .	atm.	horse power . . . . .	h.p.	quantitative . . . . .	quant.
atomic . . . . .	at.	hour(s) . . . . .	hr.	recrystallised . . . . .	recryst.
atomic weight . . . . .	at. wt.	hydrogen-ion concentration [H']		refractive index . . . . .	n
boiling point . . . . .	b.p.	inch(es) . . . . .	in.	relative humidity . . . . .	R.H.
British thermal unit . . . . .	B.Th.U.	inorganic . . . . .	inorg.	respiratory quotient . . . . .	R.Q.
calculated . . . . .	calc.	insoluble . . . . .	insol.	revolutions per minute . . . . .	r.p.m.
Calorie (large) . . . . .	kg.-cal.	kilogram(s) . . . . .	kg.	Roentgen unit . . . . .	r.
calorie (small) . . . . .	g.-cal.	kilovolt(s) . . . . .	kv.	saponification value . . . . .	sap. val.
candle power . . . . .	c.p.	kilowatt(s) . . . . .	kw.	second(s) (time only) . . . . .	sec.
centimetre . . . . .	cm.	litre(s) . . . . .	l.	†secondary . . . . .	sec.
cerebrospinal fluid . . . . .	c.s.f.	maximum . . . . .	max.	soluble . . . . .	sol.
coefficient . . . . .	coeff.	melting point . . . . .	m.p.	specific . . . . .	sp.
concentrated . . . . .	conc.	metre(s) . . . . .	m.	specific gravity . . . . .	sp. gr.
concentration . . . . .	concn.	micron(s) . . . . .	μ.	square centimetre(s) . . . . .	sq. cm.
constant . . . . .	const.	milliampere(s) . . . . .	ma.	temperature(s) . . . . .	temp.
corrected . . . . .	corr.	milligram(s) . . . . .	mg.	†tertiary . . . . .	tert.
critical . . . . .	crit.	millilitre(s) . . . . .	ml.	vacuum . . . . .	vac.
crystalline . . . . .	cryst.	millimetre(s) . . . . .	mm.	value . . . . .	val.
crystallised (adjective only) }		millivolt(s) . . . . .	mv.	vapour density . . . . .	v.d.
cubic centimetre(s) . . . . .	c.c.	minimum . . . . .	min.	vapour pressure . . . . .	v.p.
cubic metre(s) . . . . .	cu.m.	minute(s) . . . . .	min.	viscosity . . . . .	η
current density . . . . .	c.d.	molecul-e, -ar . . . . .	mol.	volt(s) . . . . .	v.
decimetre(s) . . . . .	dm.	molecular weight . . . . .	mol. wt.	volume . . . . .	vol.
decompos-ing, -ition . . . . .	decomp.	namely . . . . .	viz.	watt(s) . . . . .	w.
density . . . . .	ρ, d	normal . . . . .	N.	wave-length . . . . .	λ
dilute . . . . .	dil.	number . . . . .	no.	weight . . . . .	wt.
direct current . . . . .	d.c.	organic . . . . .	org.		

The abbreviations for secondary and tertiary are used only in connexion with organic compounds.

In addition, elements, groups, and easily recognised substances are denoted in the text by symbols and formulæ. (In Section A., III this applies only to inorganic compounds, excluding water, and to chloroform and carbon tetrachloride.) "Oleum" is allowed to describe fuming sulphuric acid and "room temp." for "the ordinary temperature." The symbol for 10 Å. is mμ. (not μμ.) and for the International X-ray unit it is X, not XU. The symbol for 10<sup>-6</sup> g. is ug. (not γ).

The following symbols are used except in Section A., III: >, greater than; ≫, much greater than; ≧, not greater than (and <, ≪, ≦ conversely); ∝, (is) proportional to; ~, of the order of, or approximately.

The principal Pharmacopœias are denoted by B.P., U.S.P., and D.A.B., followed in each case by the identifying numeral.